Frequently Used Tasks Manual

Frequent Tasks Manual

Brief Objective: This document focuses on tasks that many EchoBAK Customers will perform.

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Author: DWG

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Restoring files that have been protected using echoBAK

Contact Information

Executive Summary

In creating a document that focuses primarily on tasks that a majority of echoBAK customers will perform, we have compiled excerpts from the echoBAK CentralControl User Manual into this document.

The covered tasks are:

1) Installing the echoBAK CentralControl
2) Installing the echoBAK Agent for Windows
3) Registering the Agent with the echoBAK Vault
4) Configuring and Scheduling the Backup Task
5) Altering the Schedule for the Backup Task
6) Re-Registering the Agent with the echoBAK Vault
7) Synchronizing the Agent with the echoBAK Vault
8) Restoring files that have been protected using echoBAK

Most other tasks not mentioned in this document are contained in the echoBAK CentralControl User Manual.

Installation of EchoBAK CentralControl

This portion describes the steps required to install the CentralControl application. The installation requires that you have the CentralControl installation kit and Windows NT 4.0, Windows 2000, Windows XP Professional installed. This product, when installed, allows the user to communicate, configure and manage one or more agents. The CentralControl installation file can be downloaded from http://www.asiguardian.com/downloads (username: asiGUARDIAN, password: 2003). The filename is CentralControl.exe

Installation Requirements

HARDWARE

- ✓ CPU – Should meet basic requirements of your operating system, as prescribed by Microsoft
- ✓ HDD – 10MB of available disk space

SOFTWARE

- ✓ OS – Windows NT4 (SP6a) / Windows 2000 (sp2)
- ✓ Network – A TCP/IP stack

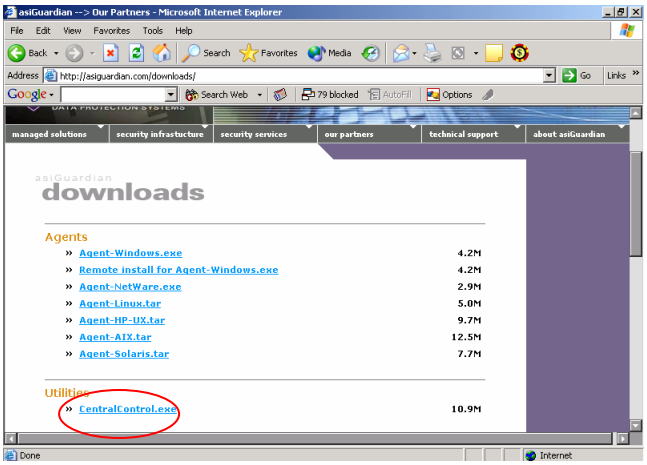
PRIVILEGE REQUIREMENTS

- ✓ The Installation of the CentralControl does not require any privileges if you are installing on Windows NT 4 – Backup Files and Directories
- ✓ If you are installing on Windows 2000, you need Administrator privileges

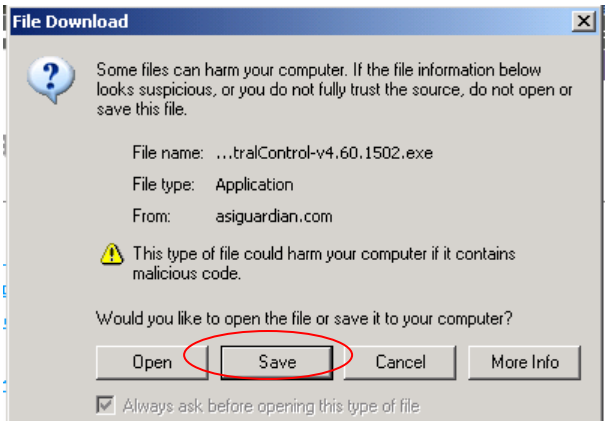
Installation Procedures

1. Go to www.asiguardian.com/downloads

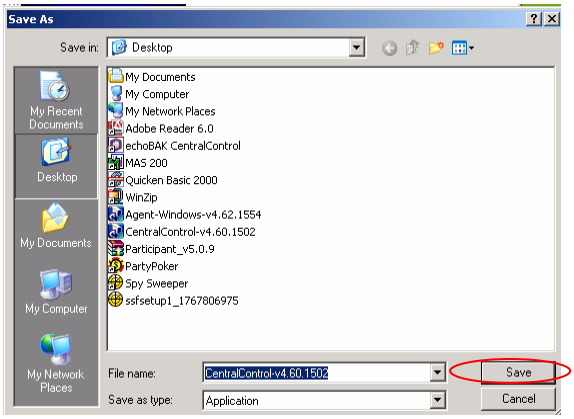
2. Type in the following information:
   Username **asiGUARDIAN**
   Password **2003**
   Click **OK**



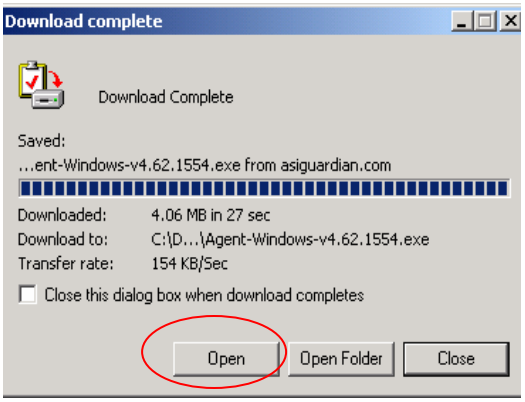
3. Click on **CentralControl.exe** under the Utilities subtitle.


File Download
Some files can harm your computer. If the file information below looks suspicious, or you do not fully trust the source, do not open or save this file.
File name: ...tralControl-v4.60.1502.exe
File type: Application
From: asiguardian.com
This type of file could harm your computer if it contains malicious code.
Would you like to open the file or save it to your computer?
Open
Save
Cancel
More Info
Always ask before opening this type of file

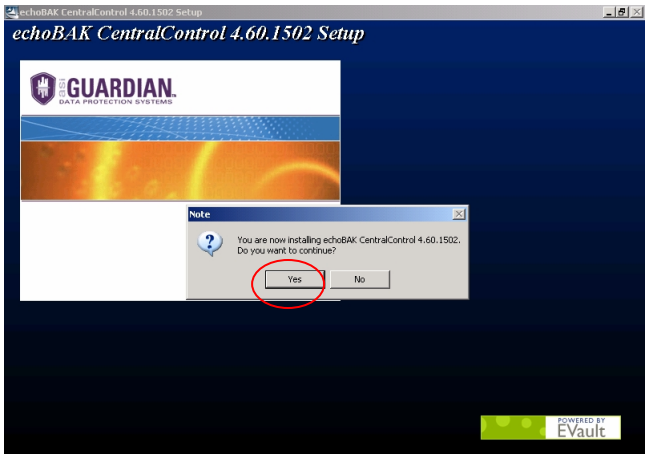
4. Click **Save.**



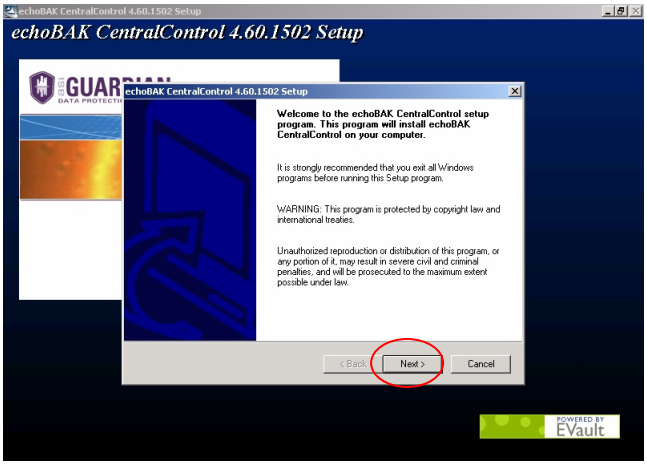
5. Click **Save** to save this agent to your desktop.



6. Click **Open**.



7. Click **Yes**


echoBAK CentralControl 4.60.1502 Setup
echoBAK CentralControl 4.60.1502 Setup
Welcome to the echoBAK CentralControl setup program. This program will install echoBAK CentralControl on your computer.
It is strongly recommended that you exit all Windows programs before running this Setup program.
WARNING: This program is protected by copyright law and international treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
< Back
Next >
Cancel
POWERED BY
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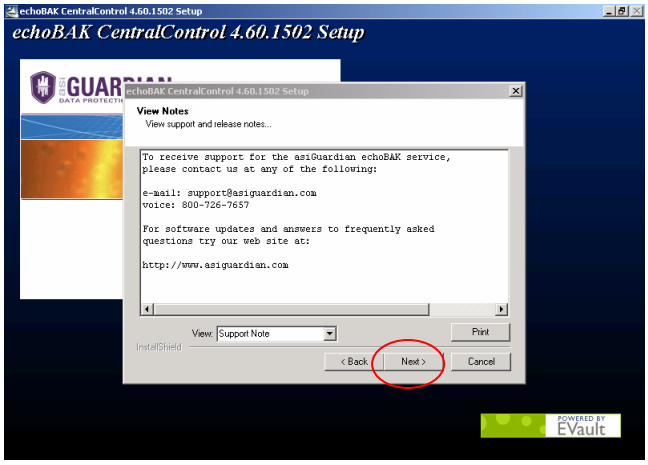
8. Make sure that you exit from all other Windows programs before running this setup program. Click **Next** to proceed with the installation.


echoBAK CentralControl 4.60.1502 Setup
echoBAK CentralControl 4.60.1502 Setup
View Notes
View support and release notes...
To receive support for the asiGuardian echoBAK service, please contact us at any of the following:
e-mail: support@asiguardian.com
voice: 800-726-7657
For software updates and answers to frequently asked questions try our web site at:
http://www.asiguardian.com
View: Support Note
Print
InstallShield
< Back
Next >
Cancel
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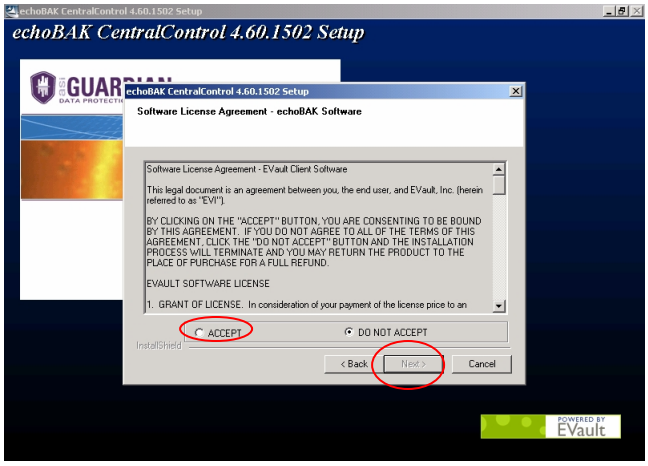
9. The Notes page provides contact information for technical support. If desired you may print this information by clicking **Print**. Click **Next** to proceed with the installation.


echoBAK CentralControl 4.60.1502 Setup
echoBAK CentralControl 4.60.1502 Setup
Software License Agreement - echoBAK Software
Software License Agreement - EVault Client Software
This legal document is an agreement between you, the end user, and EVault, Inc. (herein referred to as "EVI").
BY CLICKING ON THE "ACCEPT" BUTTON, YOU ARE CONSENTING TO BE BOUND BY THIS AGREEMENT. IF YOU DO NOT AGREE TO ALL OF THE TERMS OF THIS AGREEMENT, CLICK THE "DO NOT ACCEPT" BUTTON AND THE INSTALLATION PROCESS WILL TERMINATE AND YOU MAY RETURN THE PRODUCT TO THE PLACE OF PURCHASE FOR A FULL REFUND.
EVAULT SOFTWARE LICENSE
1. GRANT OF LICENSE. In consideration of your payment of the license price to an
ACCEPT
DO NOT ACCEPT
InstallShield
< Back
Next >
Cancel
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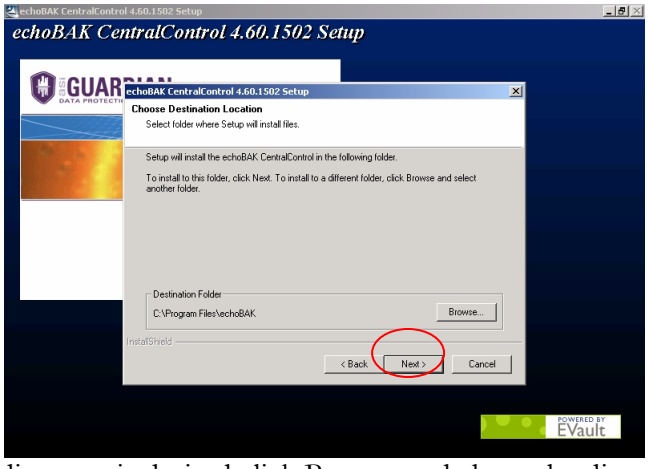
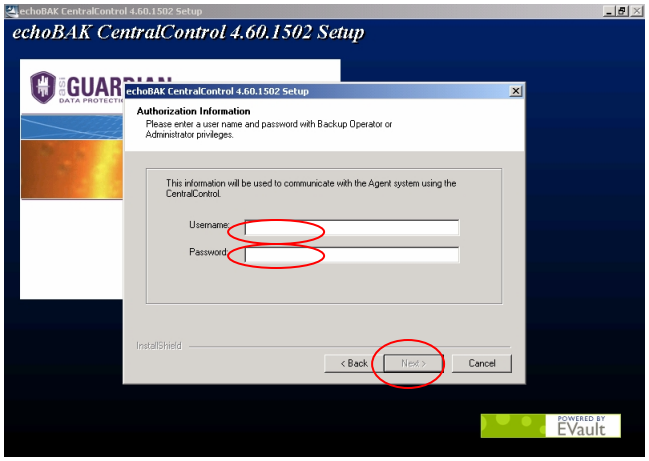
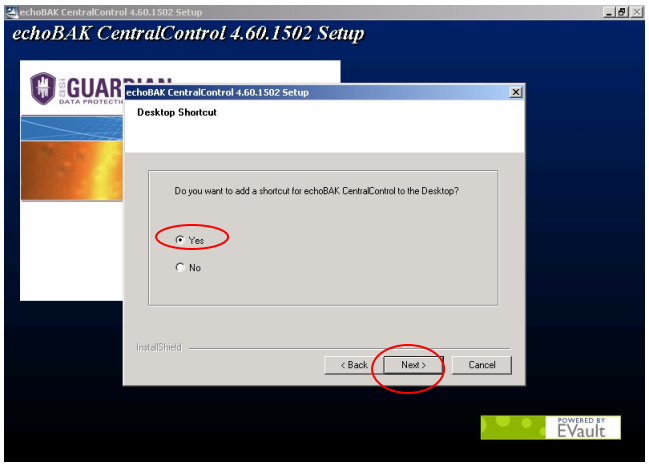
10. Click **ACCEPT** and **NEXT** for each of the products you are installing, There are two pages total, one page for the echoBAK Software, and one for the echoBAK Encryption Software.


echoBAK CentralControl 4.60.1502 Setup
echoBAK CentralControl 4.60.1502 Setup
Choose Destination Location
Select folder where Setup will install files.
Setup will install the echoBAK CentralControl in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\Program Files\echoBAK
Browse...
InstallShield
< Back
Next >
Cancel
POWERED BY EVault

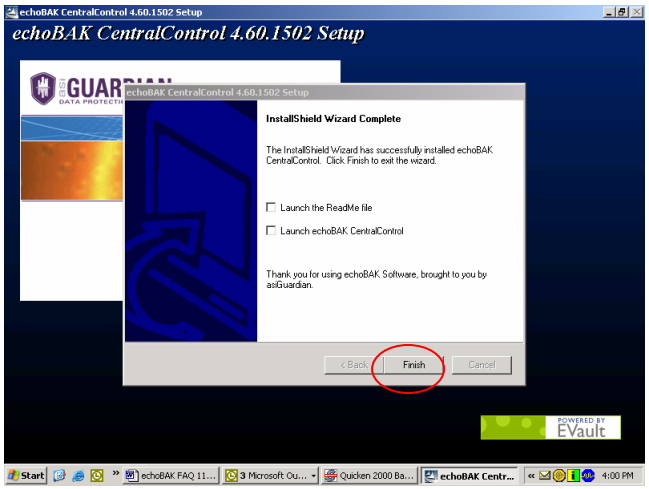
11. If any other directory is desired click Browse and chose the directory you want this program installed in. For the default directory click **Next.**


echoBAK CentralControl 4.60.1502 Setup
echoBAK CentralControl 4.60.1502 Setup
Authorization Information
Please enter a user name and password with Backup Operator or Administrator privileges.
This information will be used to communicate with the Agent system using the CentralControl.
Username:
Password:
InstallShield
< Back
Next >
Cancel
POWERED BY EVault

12. Use the same Username and Password that you use when logging onto your system. Click **Next**



13. Click **Yes** to install CentralControl 4.60.1502 to your desktop. Click **Next.**



14. Make desired selection. Click **Finish** to complete installation.

Agent for Windows Installation

This chapter describes the steps required to install the Agent under Windows NT4 Server, Windows 2000 Server, and Windows XP Professional systems. The installation requires that you have the Agent for Windows Installation kit. To communicate with, configure and manage the Agent, the CentralControl program must be installed on the same or a separate 32-bit Windows system. The Windows Agent installation file can be downloaded from http://www.asiguardian.com/downloads (username: asiGUARDIAN, password: 2003). The filename is Agent-Windows.exe.

System Requirements

HARDWARE

- ✓ CPU
  - Minimum: Intel 80486 or 100% compatible
  - Recommended: Pentium 90 or faster
  - **NOTE:** if your operating system suggests different minimum hardware requirements, employ whichever system is greater
- ✓ RAM – 64MB or more recommended
- ✓ HDD – 10MB of available disk space

SOFTWARE

- ✓ OS – Windows NT4 Server (sp6a) / Windows 2000 (sp2)
- ✓ Network – TCP/IP
- ✓ Optional Under NT4 Server / Windows 2000 Server
  - Open Transaction Manager OTM 1.11 Build 147 for Windows OTM 1.11
  - Open File Manager – OFM 8.1

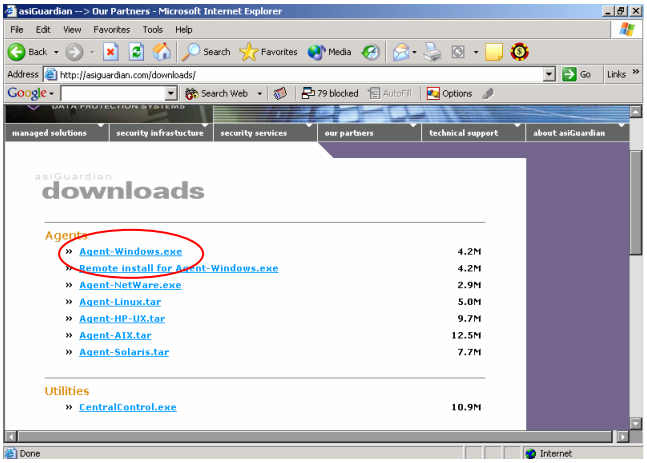
PRIVILEGE REQUIREMENTS

- ✓ Installation – To install the Agent for NT 4 Server / Windows 2000 Server / XP Professional, Administrator or equivalent access is required for the target machine
- ✓ Functional – There are 3 modes of operation
  - Ad-Hoc: Using the CentralControl application, the user can configure, backup and restore tasks on an Agent. The specified user must have the "backup Files and Directories" privilege. Alternatively a user named "vytalvault" can be created (using User Manager/User Manager for Domains) to allow Ad -Hoc mode interactions.
  - Scheduled: Backup jobs can be configured to run in scheduled mode. Using the CentralControl application, the user can schedule, backup and restore tasks on an Agent. If the VVAGENT.EXE program is run as a system service logged in under the System Account user, no special privileges are required to run scheduled jobs.
  - CLI: Command Line Interface mode allows the user logged on to the system console to execute backup and restores directly from the command line interface. Users must log in with an account that includes "Backup Files and Directories" privilege. This privilege is enabled by default for the Backup Operators and Administrators groups.
  - **NOTE: The initial configuration requires Ad-HOC mode privileges.**

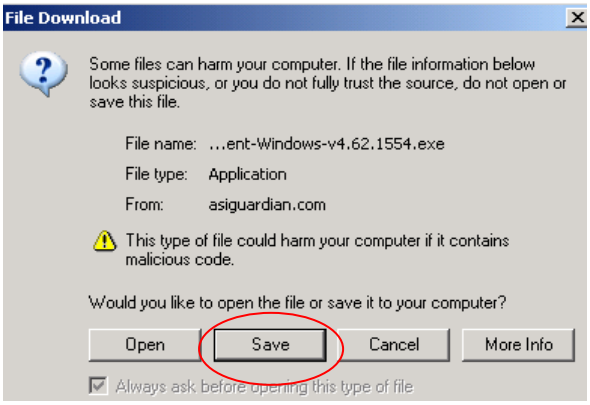
Agent for Windows Installation Procedure

1 Go to www.asiguardian.com/downloads

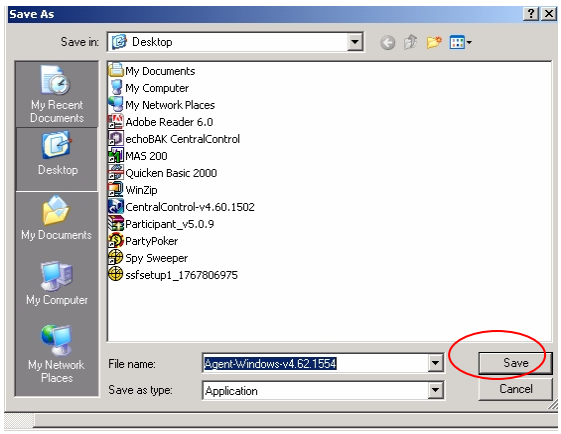
2 Type in the following information:
Username **asiGUARDIAN**
Password **2003**
Click **OK**



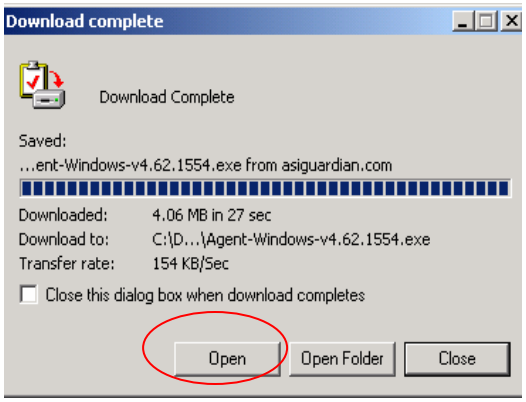
3 Click on **Agent-Windows.exe** under the Utilities subtitle.


File Download
Some files can harm your computer. If the file information below looks suspicious, or you do not fully trust the source, do not open or save this file.
File name: ...ent-Windows-v4.62.1554.exe
File type: Application
From: asiguardian.com
This type of file could harm your computer if it contains malicious code.
Would you like to open the file or save it to your computer?
Open
Save
Cancel
More Info
Always ask before opening this type of file

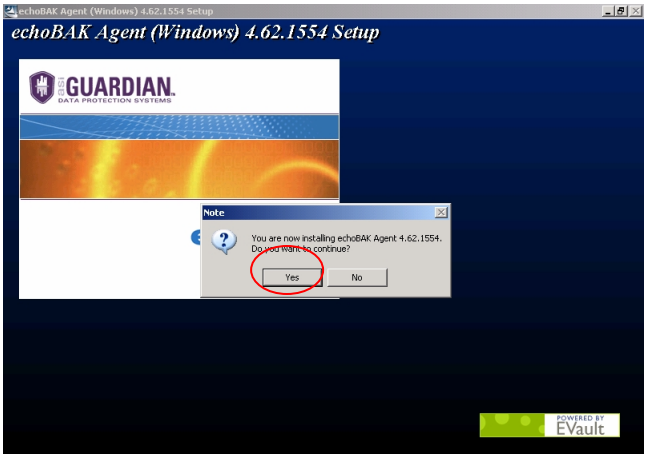
4 Click **Save.**



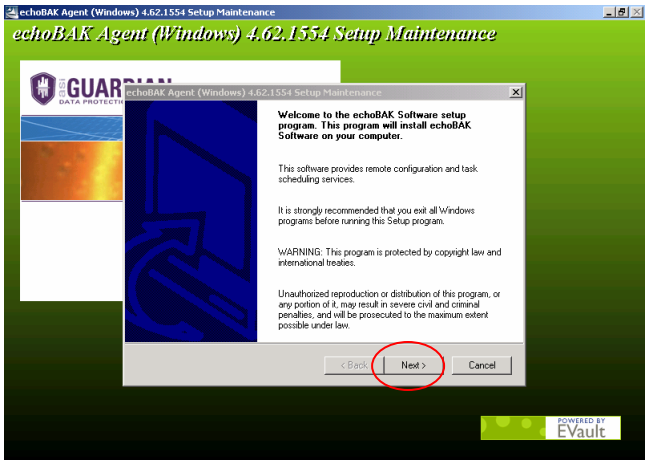
5 Click **Save** to save this agent to your desktop.



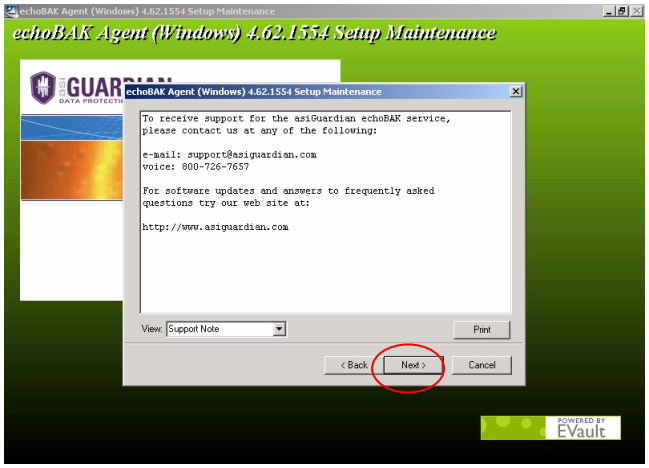
6 Click **Open**.



7 Click **Yes**


echoBAK Agent (Windows) 4.62.1554 Setup Maintenance
echoBAK Agent (Windows) 4.62.1554 Setup Maintenance
Welcome to the echoBAK Software setup program. This program will install echoBAK Software on your computer.
This software provides remote configuration and task scheduling services.
It is strongly recommended that you exit all Windows programs before running this Setup program.
WARNING: This program is protected by copyright law and international treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
< Back
Next >
Cancel
POWERED BY EVault

8 Make sure that you exit from all other Windows programs before running this setup program. Click **Next** to proceed with the installation.


echoBAK Agent (Windows) 4.62.1554 Setup Maintenance
echoBAK Agent (Windows) 4.62.1554 Setup Maintenance
To receive support for the asiGuardian echoBAK service, please contact us at any of the following:
e-mail: support@asiguardian.com
voice: 800-726-7657
For software updates and answers to frequently asked questions try our web site at:
http://www.asiguardian.com
View: Support Note
Print
< Back
Next >
Cancel
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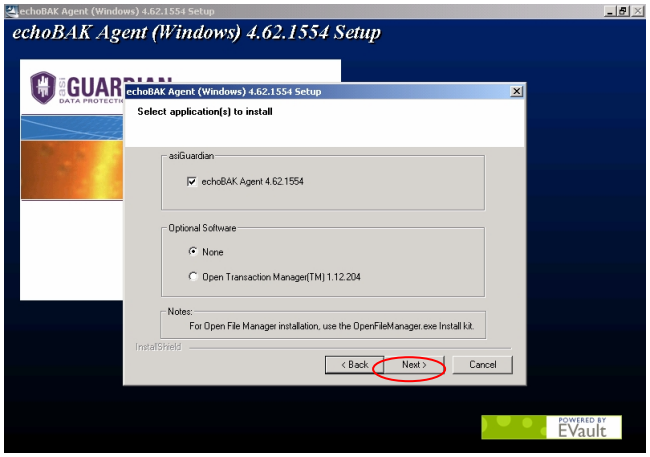
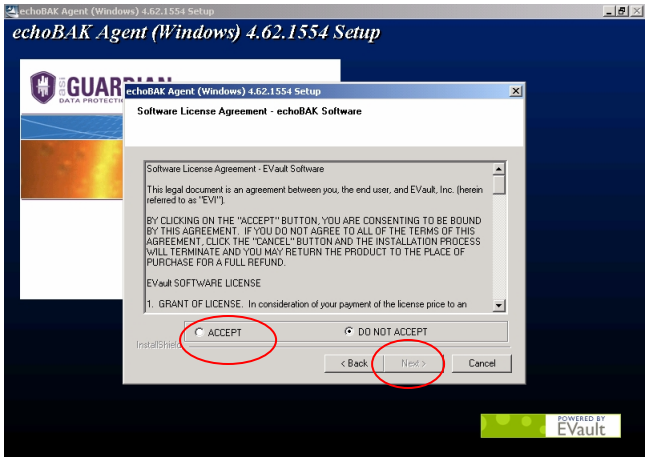
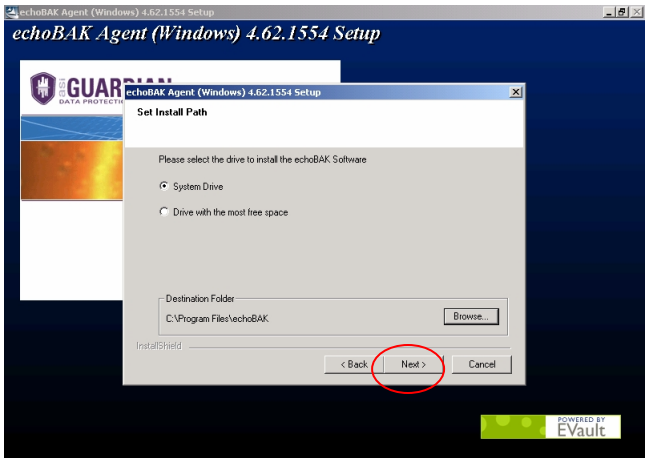
9 The Notes Page provides contact information for technical support. If desired you may print this information by clicking **Print**. Click **Next** to proceed with the installation.



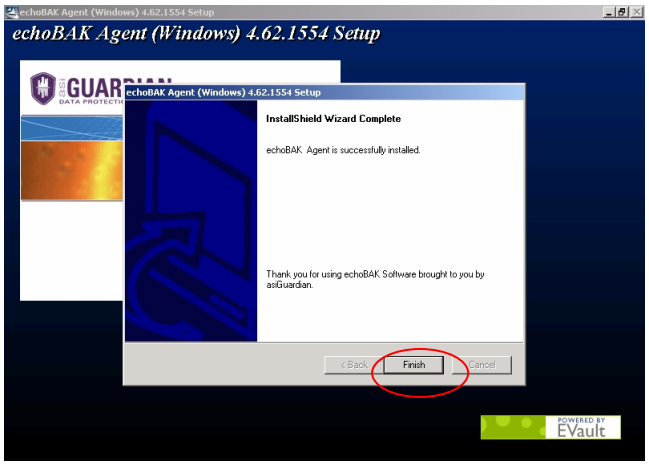
10 Click **Next**


echoBAK Agent (Windows) 4.62.1554 Setup
echoBAK Agent (Windows) 4.62.1554 Setup
Software License Agreement - echoBAK Software
Software License Agreement - EVault Software
This legal document is an agreement between you, the end user, and EVault, Inc. (herein referred to as "EVI").
BY CLICKING ON THE "ACCEPT" BUTTON, YOU ARE CONSENTING TO BE BOUND BY THIS AGREEMENT. IF YOU DO NOT AGREE TO ALL OF THE TERMS OF THIS AGREEMENT, CLICK THE "CANCEL" BUTTON AND THE INSTALLATION PROCESS WILL TERMINATE AND YOU MAY RETURN THE PRODUCT TO THE PLACE OF PURCHASE FOR A FULL REFUND.
EVault SOFTWARE LICENSE
1. GRANT OF LICENSE. In consideration of your payment of the license price to an
ACCEPT
DO NOT ACCEPT
InstallShield
< Back
Next >
Cancel
POWERED BY EVault

11 Click **ACCEPT** and **NEXT** for each of the products you are installing, There are two pages total, one page for the echoBAK Software, and one for the echoBAK Encryption Software.



12 Click **Next**

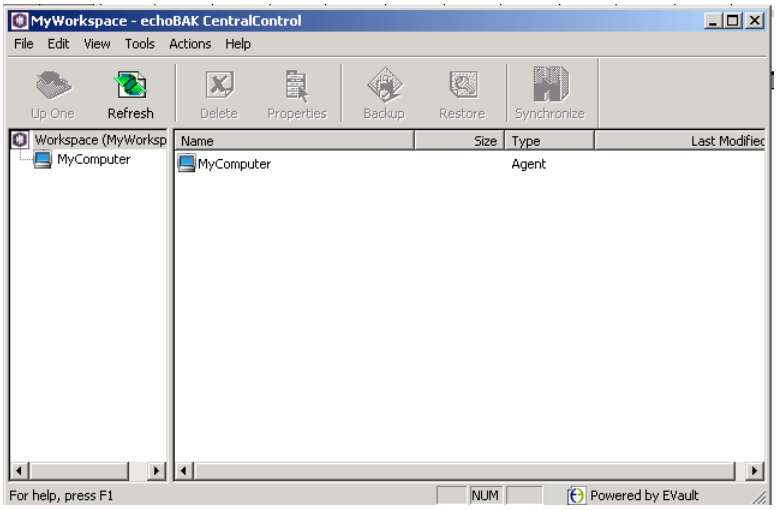

echoBAK Agent (Windows) 4.62.1554 Setup
echoBAK Agent (Windows) 4.62.1554 Setup
InstallShield Wizard Complete
echoBAK Agent is successfully installed.
Thank you for using echoBAK Software brought to you by asiGuardian.
< Back
Finish
Cancel
POWERED BY EVault

13 Click **Finish**

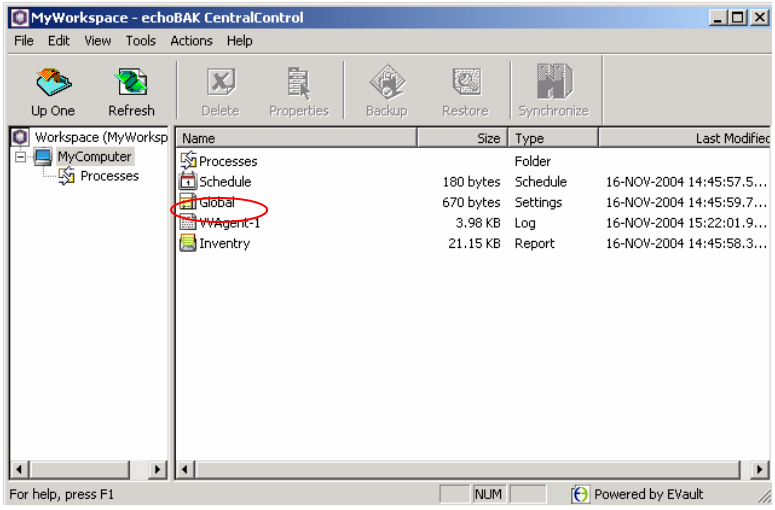
Registering the Agent With the EchoBAK Vault

To complete the registration process you must have administration rights to your system. If you are given a message "Failed to authorize user (xxxx) or user (xxxx) possesses insufficient privilege" contact your network administrator or contact asiGUARDIAN tech support.

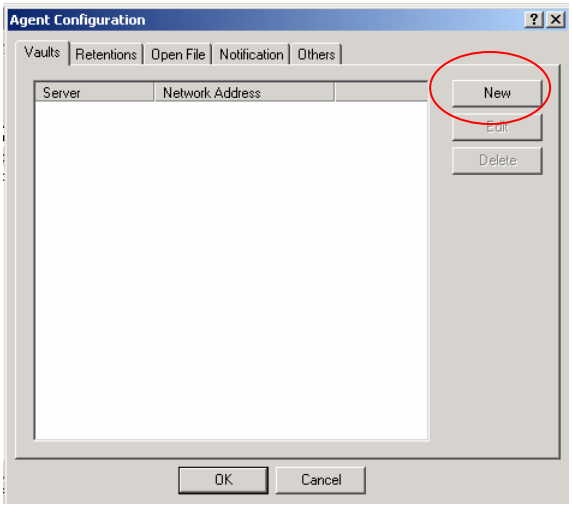
1 Launch the echoBAK CentralControl



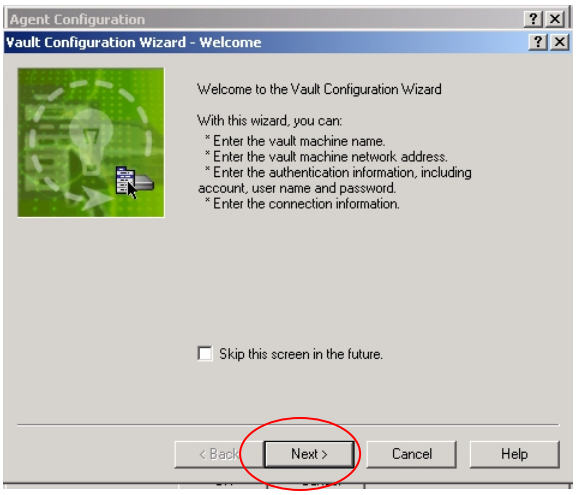
2 On the Left-Hand side, select the Agent you wish to Register. After you select the Agent, the right hand pane will be populated with a number of options to select.



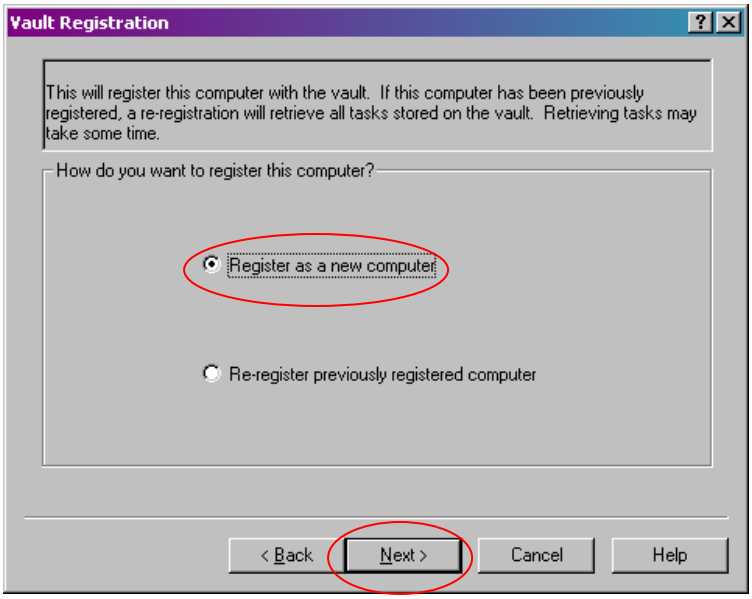
3 On the Right-Hand side, Right-Click **Global** and choose **Edit**



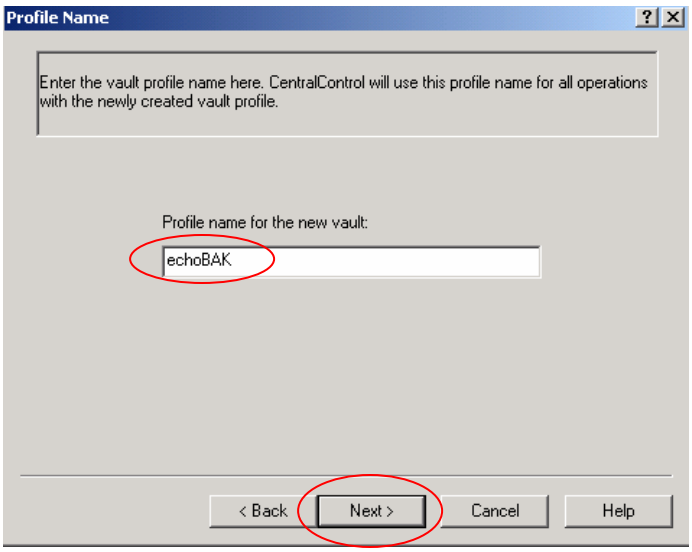
4 On the "Vault" tab, select the **New** button


Agent Configuration
Vault Configuration Wizard - Welcome
Welcome to the Vault Configuration Wizard
With this wizard, you can:
* Enter the vault machine name.
* Enter the vault machine network address.
* Enter the authentication information, including account, user name and password.
* Enter the connection information.
Skip this screen in the future.
< Back
Next >
Cancel
Help

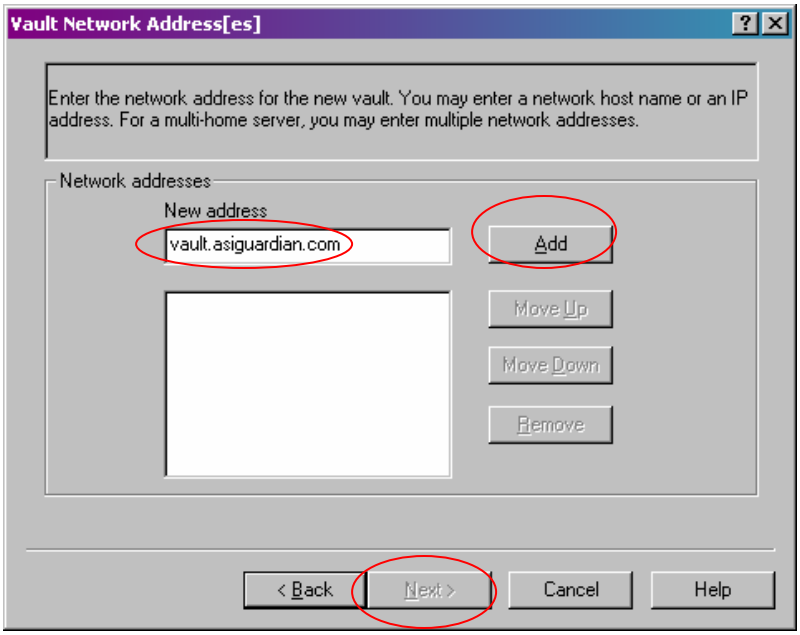
5 On the Welcome window, Left-Click the **Next** button


Vault Registration
This will register this computer with the vault. If this computer has been previously registered, a re-registration will retrieve all tasks stored on the vault. Retrieving tasks may take some time.
How do you want to register this computer?
Register as a new computer
Re-register previously registered computer
< Back
Next >
Cancel
Help

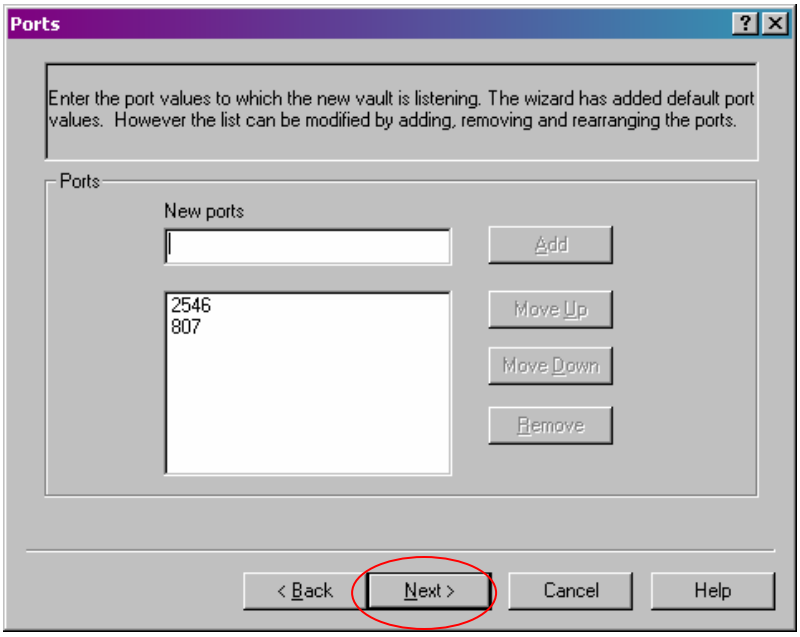
6 On the Vault Registration window, select **Register as a new computer (if re-registering click here)** and Left-Click the **Next** button


Profile Name
Enter the vault profile name here. CentralControl will use this profile name for all operations with the newly created vault profile.
Profile name for the new vault:
echoBAK
< Back
Next >
Cancel
Help

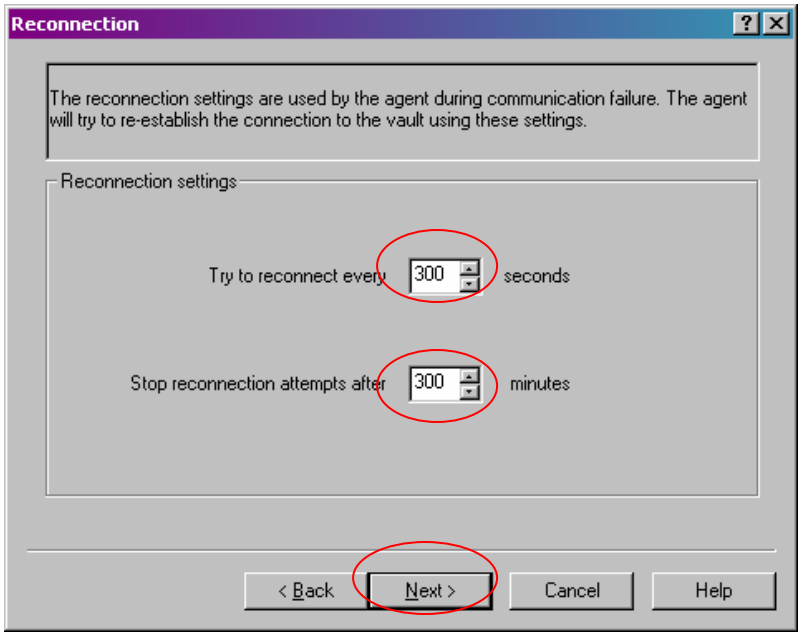
7 On the Profile Name window, enter **echoBAK** and Left-Click the **Next** button


Vault Network Address[es]
Enter the network address for the new vault. You may enter a network host name or an IP address. For a multi-home server, you may enter multiple network addresses.
Network addresses
New address
vault.asiguardian.com
Add
Move Up
Move Down
Remove
< Back
Next >
Cancel
Help

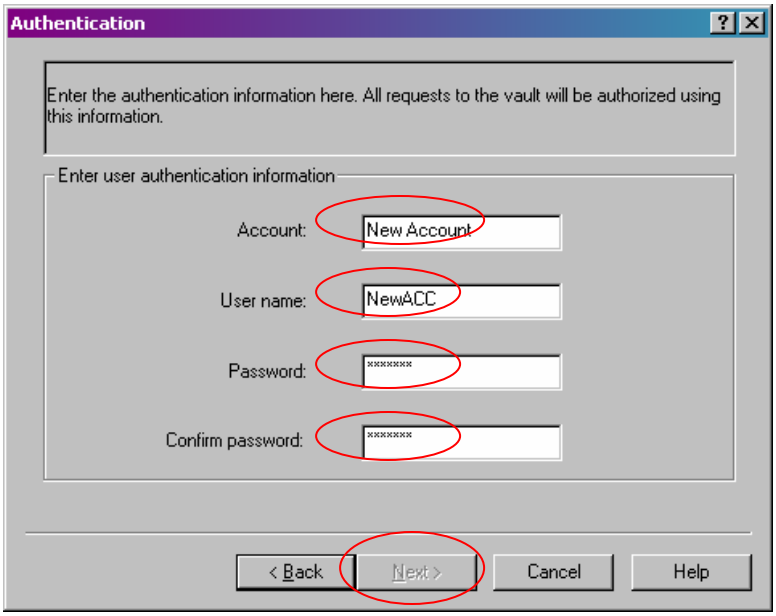
8 On the Vault Network Address window, enter **vault.asiguardian.com**, Left-Click the **Add** button, then Left-Click the **Next** button



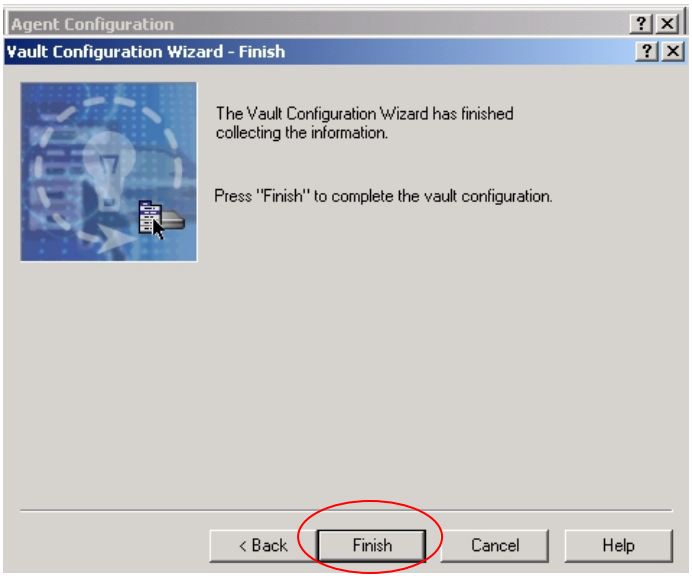
9 On the Ports window, accept the default port values and Left-Click the **Next** button



10 On the Reconnection window, alter the Reconnect Every value to **300**, alter the Stop Reconnection Attempts After value to **300**, and Left-Click the **Next** button



11 On the Authentication window, enter the Account, Username, Password, and Confirm Password (which was assigned during the initial creation of your account on the EchoBAK Vault, contact asiGuardian if you do not have this information). then, Left-Click the **Next** button

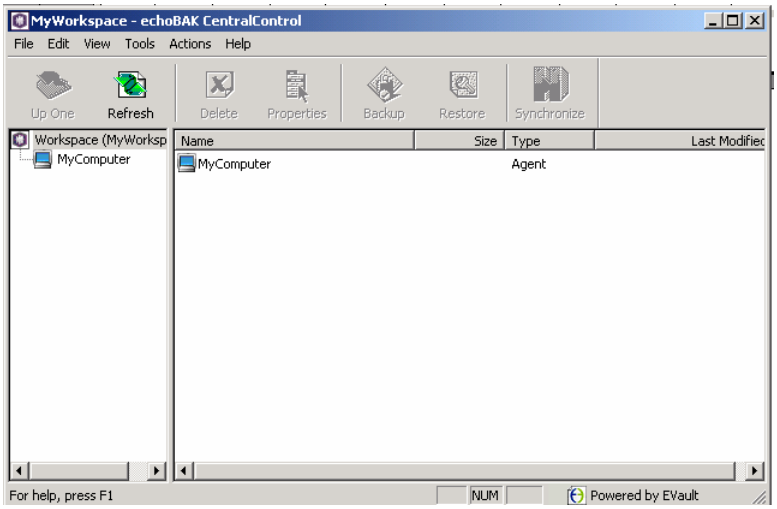


12 On the Finish window, Left-Click the **Finish** button

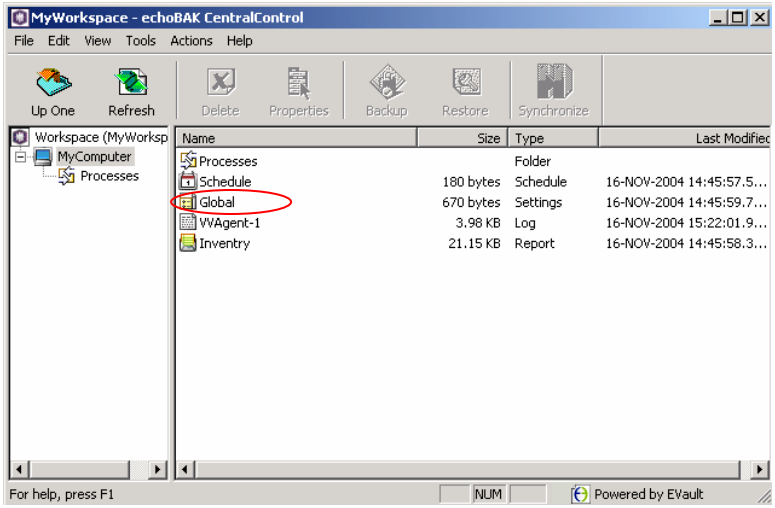
Re-Registering the Agent with the EchoBAK Vault

Re-Registering the Agent with the EchoBAK Vault is necessary after re-installing the EchoBAK Agent (typically after the OS has been reloaded on the Agent).

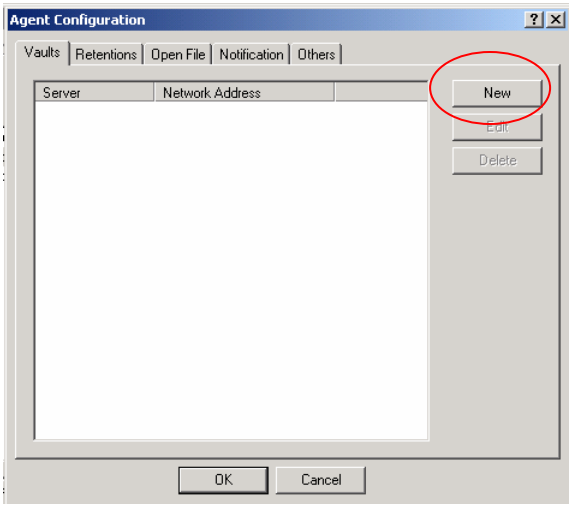
1 Launch the echoBAK CentralControl



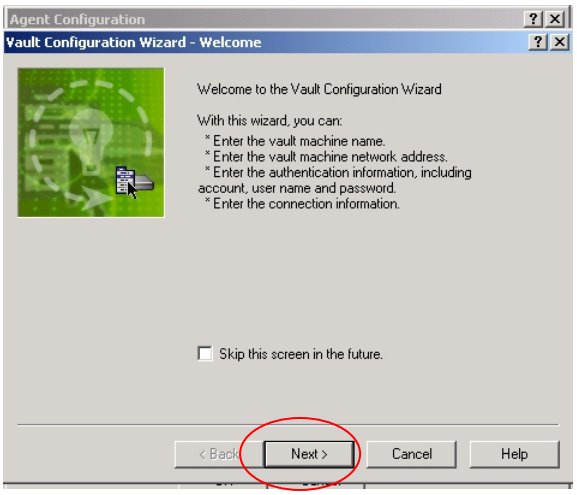
2 On the Left-Hand side, select the Agent you wish to Register. After you select the Agent, the right hand pane will be populated with a number of options to select.



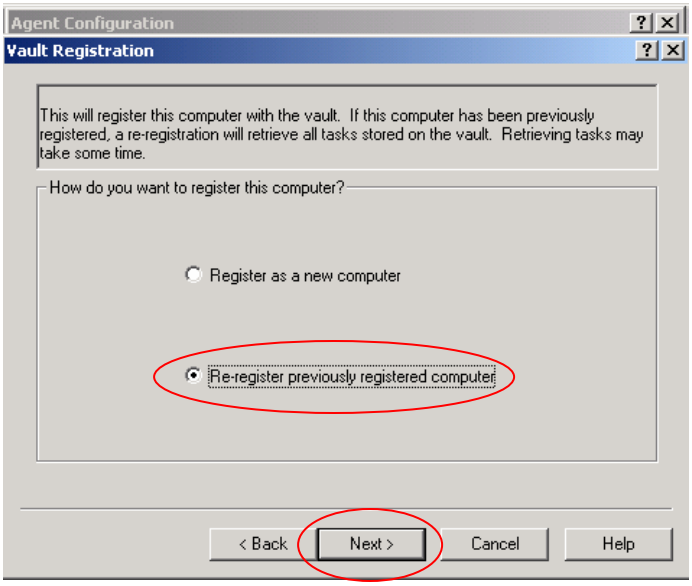
3 On the Right-Hand side, Right-Click **Global** and choose **Edit**



4 On the "Vault" tab, select the **New** button

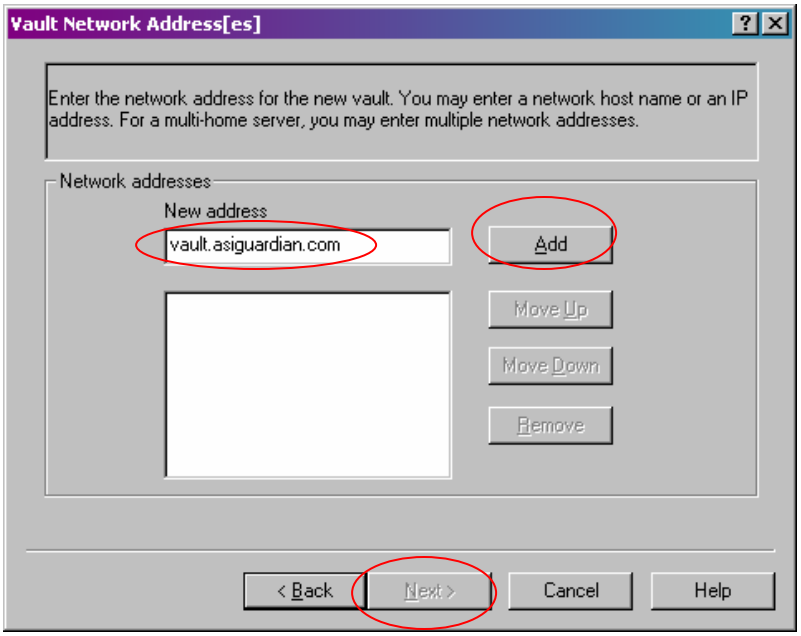

Agent Configuration
Vault Configuration Wizard - Welcome
Welcome to the Vault Configuration Wizard
With this wizard, you can:
* Enter the vault machine name.
* Enter the vault machine network address.
* Enter the authentication information, including account, user name and password.
* Enter the connection information.
Skip this screen in the future.
< Back
Next >
Cancel
Help

5 On the Welcome window, Left-Click the **Next** button

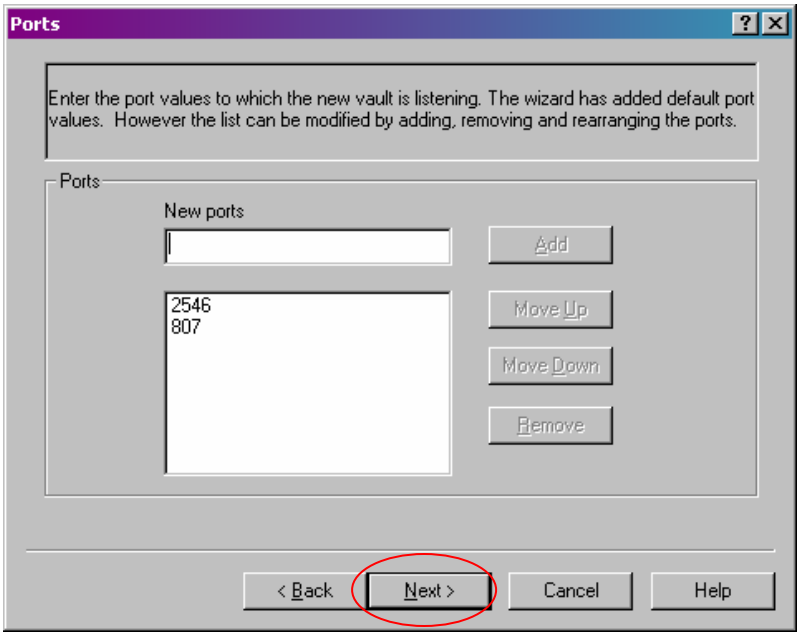

Agent Configuration
Vault Registration
This will register this computer with the vault. If this computer has been previously registered, a re-registration will retrieve all tasks stored on the vault. Retrieving tasks may take some time.
How do you want to register this computer?
Register as a new computer
Re-register previously registered computer
< Back
Next >
Cancel
Help

6 On the Vault Registration window, select **Re-register previously registered computer** and Left-Click the **Next** button

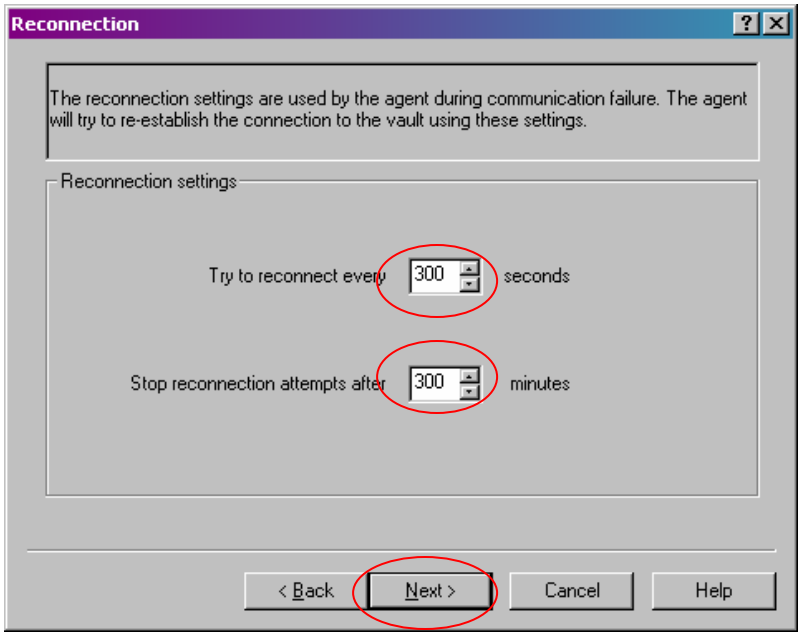
1. .


Vault Network Address[es]
Enter the network address for the new vault. You may enter a network host name or an IP address. For a multi-home server, you may enter multiple network addresses.
Network addresses
New address
vault.asiguardian.com
Add
Move Up
Move Down
Remove
< Back
Next >
Cancel
Help

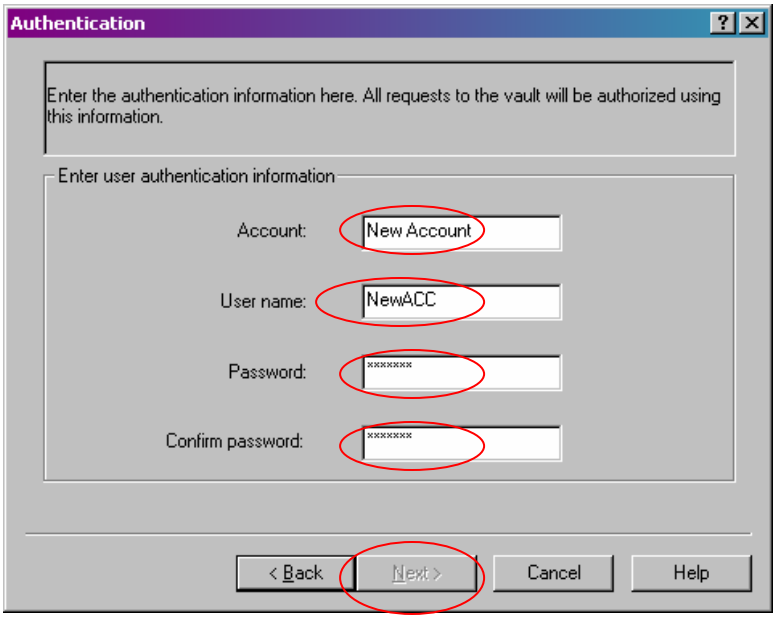
7 On the Vault Network Address window, enter **vault.asiguardian.com**, Left-Click the **Add** button, then Left-Click the **Next** button



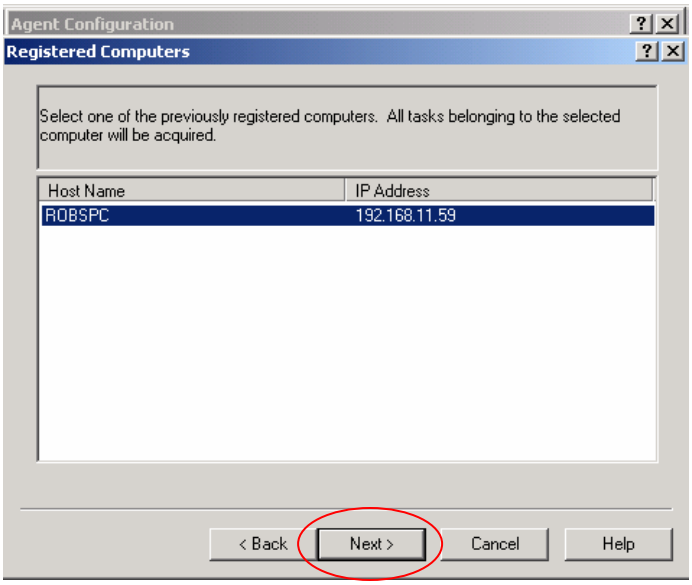
8 On the Ports window, accept the default port values and Left-Click the **Next** button



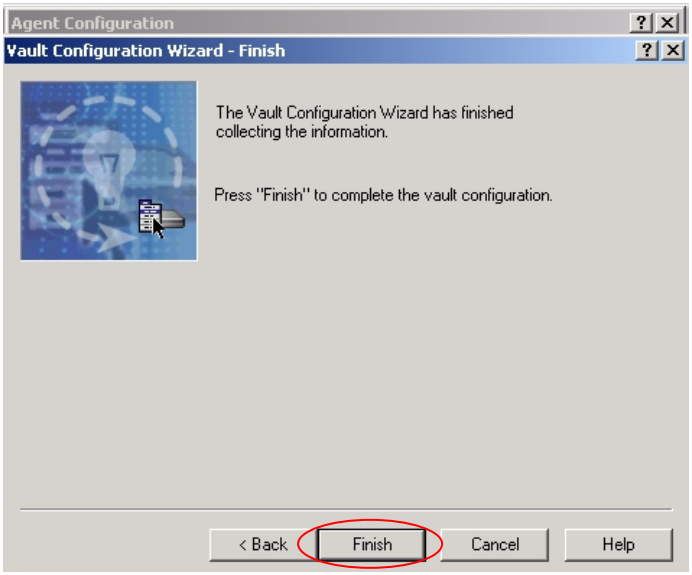
9 On the Reconnection window, alter the Reconnect Every value to **300**, alter the Stop Reconnection Attempts After value to **300**, and Left-Click the **Next** button



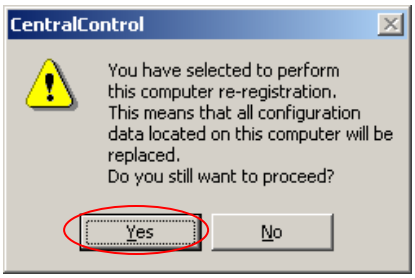
10 On the Authentication window, enter the Account, Username, Password, and Confirm Password (which was assigned during the initial creation of your account on the EchoBAK Vault, contact asiGuardian if you do not have this information). then, Left-Click the **Next** button



11 A Host Name and IP Address will be shown. Click **Next.**



12 On the Finish window, Left-Click the **Finish** button

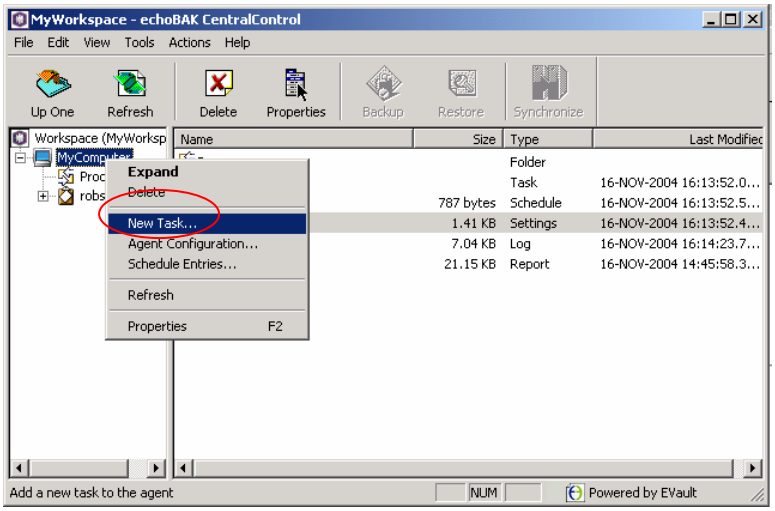

CentralControl
You have selected to perform this computer re-registration.
This means that all configuration data located on this computer will be replaced.
Do you still want to proceed?
Yes
No

13 A box is displayed alerting that, "You have selected to perform this computer re-registration. This means that all configuration data located on this computer will be replaced. Do you still want to proceed?" Clicking on the **Yes** button will overwrite the local settings for EchoBAK CentralControl with those settings that are retained on the EchoBAK Vault.

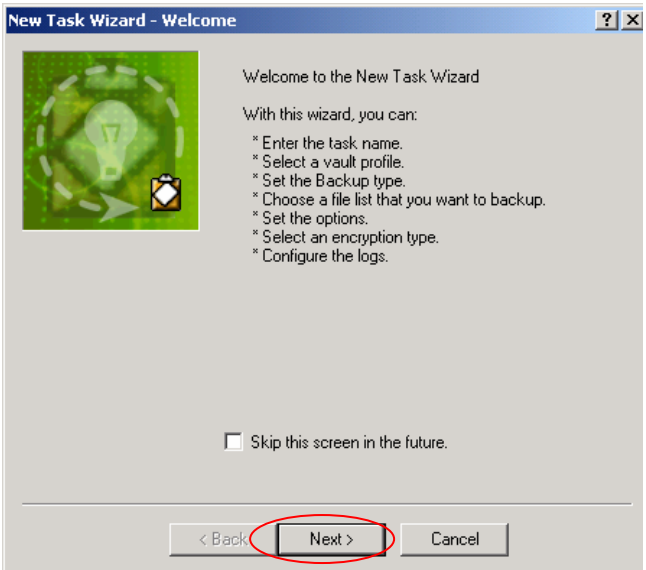
The wizard will return you to the CentralControl main window.

Configuring and Scheduling the Backup Task:

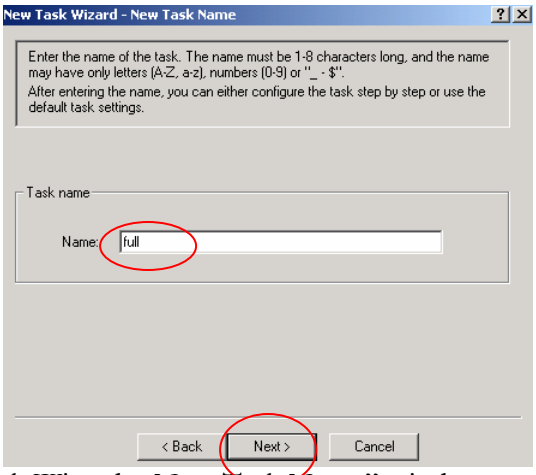
1. Launch echoBAK CentralControl



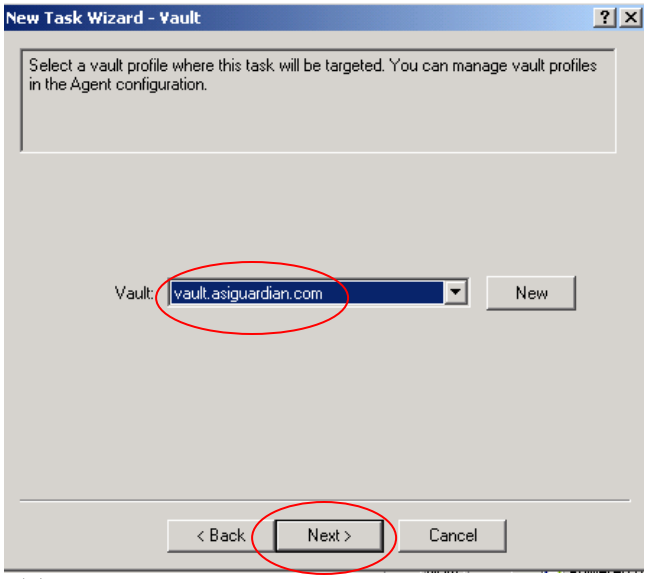
2. On the Left-Hand side, Right-Click the Agent you wish to backup, and select **New Task…**


New Task Wizard - Welcome
Welcome to the New Task Wizard
With this wizard, you can:
* Enter the task name.
* Select a vault profile.
* Set the Backup type.
* Choose a file list that you want to backup.
* Set the options.
* Select an encryption type.
* Configure the logs.
Skip this screen in the future.
< Back
Next >
Cancel

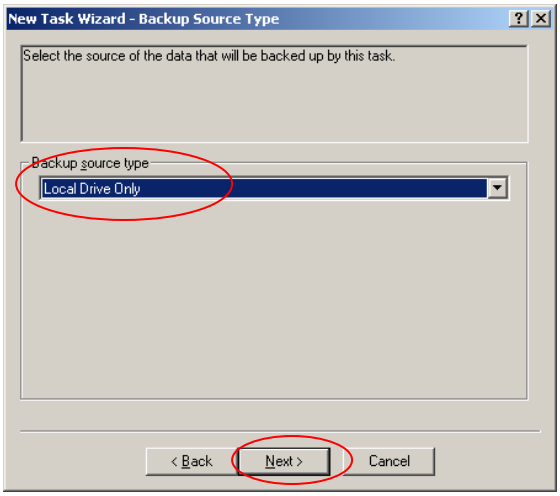
3. On the "New Task Wizard – Welcome" window, select **Next**.


New Task Wizard - New Task Name
Enter the name of the task. The name must be 1-8 characters long, and the name may have only letters (A-Z, a-z), numbers (0-9) or "_ - $".
After entering the name, you can either configure the task step by step or use the default task settings.
Task name
Name:
full
< Back
Next >
Cancel

4. On the "New Task Wizard – New Task Name" window enter the name of your task. The name must be from 1-8 characters long and can contain the characters A-Z, a-z, 0-9, _-$. Click **Next**.


New Task Wizard - Vault
Select a vault profile where this task will be targeted. You can manage vault profiles in the Agent configuration.
Vault:
vault.asiguardian.com
New
< Back
Next >
Cancel

5. On the "New Task Wizard – Vault" window, choose the vault that was registered during the "Registering the Agent with echoBAK Vault" (earlier in this document).


New Task Wizard - Backup Source Type
Select the source of the data that will be backed up by this task.
Backup source type
Local Drive Only
< Back
Next >
Cancel

6. On the "New Task Wizard – Backup Source Type" window, choose the source where the files reside.

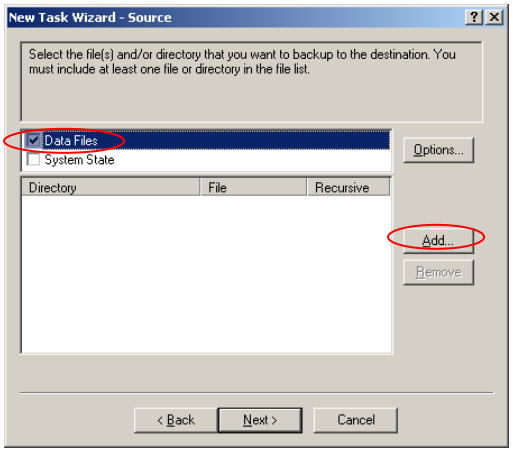
    a. Local Drive Only – means that the files reside on a drive that is local to the Agent (**Typical Choice**)

    b. Mapped Network Drive Only – Means that the files reside on a server other than the Agent

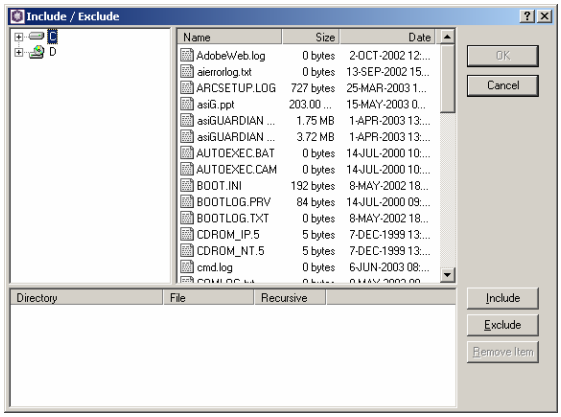
7. On the "New Task Wizard – Source" window, choose Data Files and/or System State.

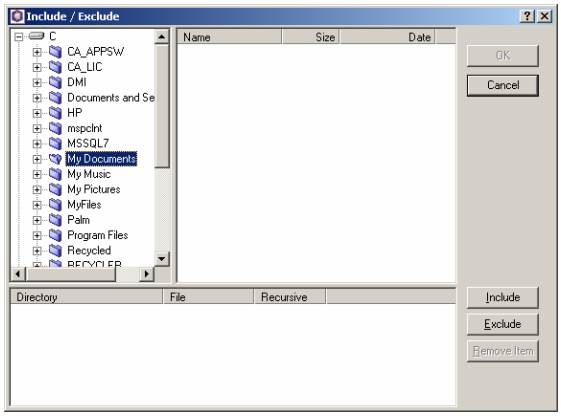
    a. **Data Files** – Flat files that you wish to be backed up

        i. Check the box next to Data Files

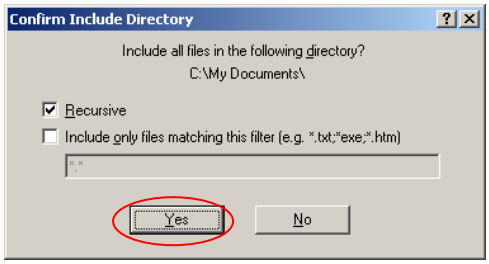


        ii. Left-Click on the **Add** button, and you will see a screen similar to the image below

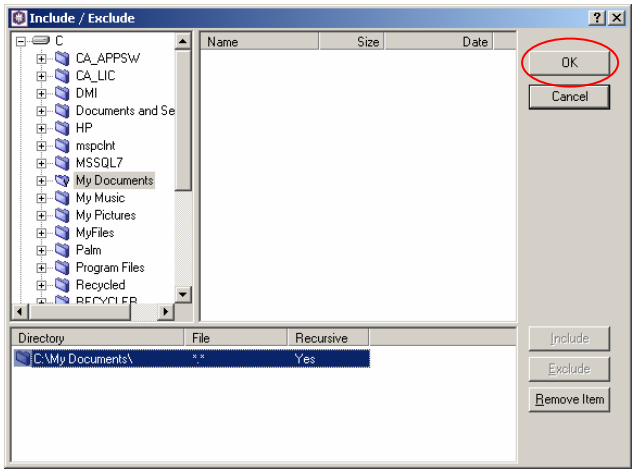




iii. Click the "+" next to the drive (in this case C:\) scroll down to find the folder you wish to backup

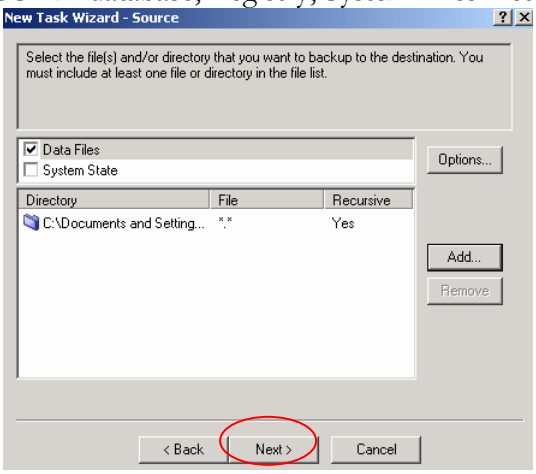


iv. Left-Click the Include button, and you will be prompted with the following box. Left-Click the **Yes** button.

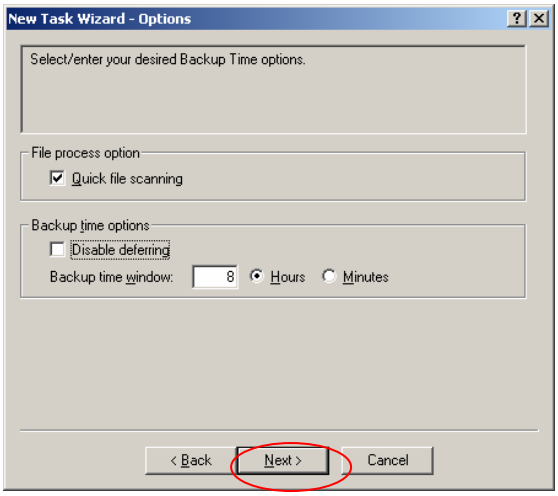


v. You will be able to see the folder added to the bottom portion of the window. If you wish to add more folders, simply scroll through the folders under C:\, and **Add** them again. When you have selected all of the files and/or folders click **OK**.

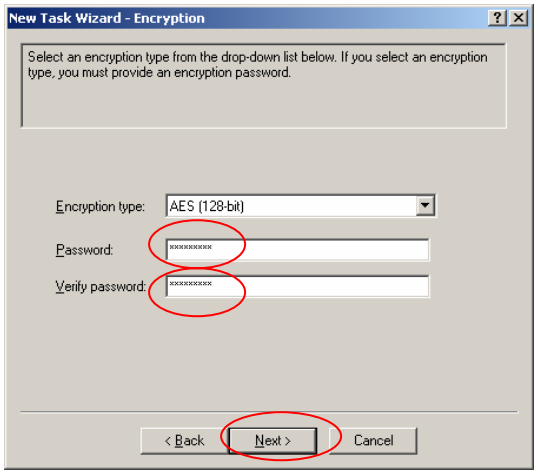
b. **System State** – These files make up the files used by the operating system (e.g. COM+ database, Registry, System Files…etc.)



8. You will return to the New Task Wizard – Source screen with the files you have selected showing in the bottom part of the screen. Click **Next.**

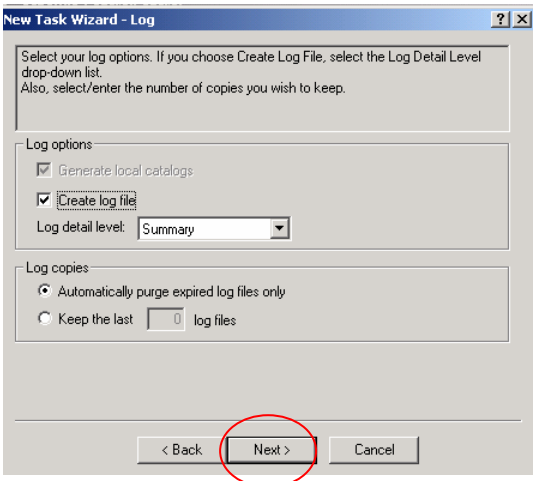


9. On the "New Task Wizard – Options" window, choose **Next**

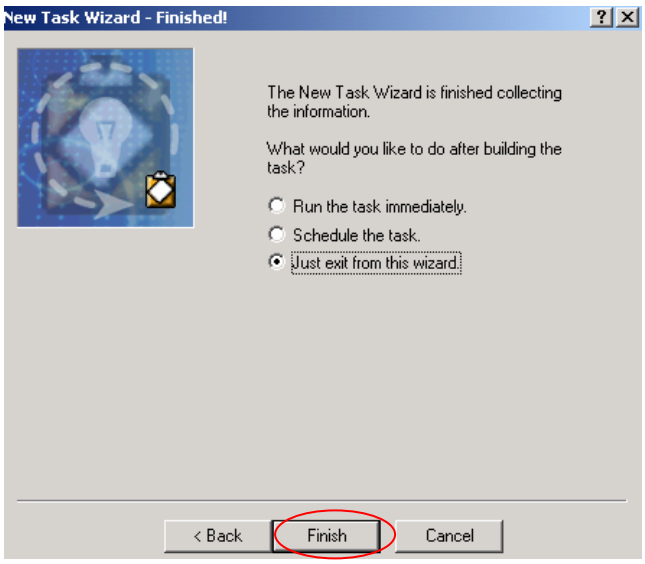

New Task Wizard - Encryption
Select an encryption type from the drop-down list below. If you select an encryption type, you must provide an encryption password.
Encryption type:
AES (128-bit)
Password:
Verify password:
< Back
Next >
Cancel

10. On the "New Task Wizard – Encryption" window, choose the Encryption Type, password and confirm password. Click **Next**

    a. **NOTE: This password is unique to you as a echoBAK Customer, this password is required for any changes to this backup task or RESTORES!!! Please retain this password in a safe place as it not recoverable by the echoBAK Support Team.**


New Task Wizard - Log
Select your log options. If you choose Create Log File, select the Log Detail Level drop-down list.
Also, select/enter the number of copies you wish to keep.
Log options
Generate local catalogs
Create log file
Log detail level:
Summary
Log copies
Automatically purge expired log files only
Keep the last
0
log files
< Back
Next >
Cancel

11. On the "New Task Wizard – Log" window, choose **Next**


New Task Wizard - Finished!
The New Task Wizard is finished collecting the information.
What would you like to do after building the task?
Run the task immediately.
Schedule the task.
Just exit from this wizard.
< Back
Finish
Cancel

12. On the "New Task Wizard – Finished!" window, choose whether you wish to:

    a. Run the task immediately – executes the backup task immediately

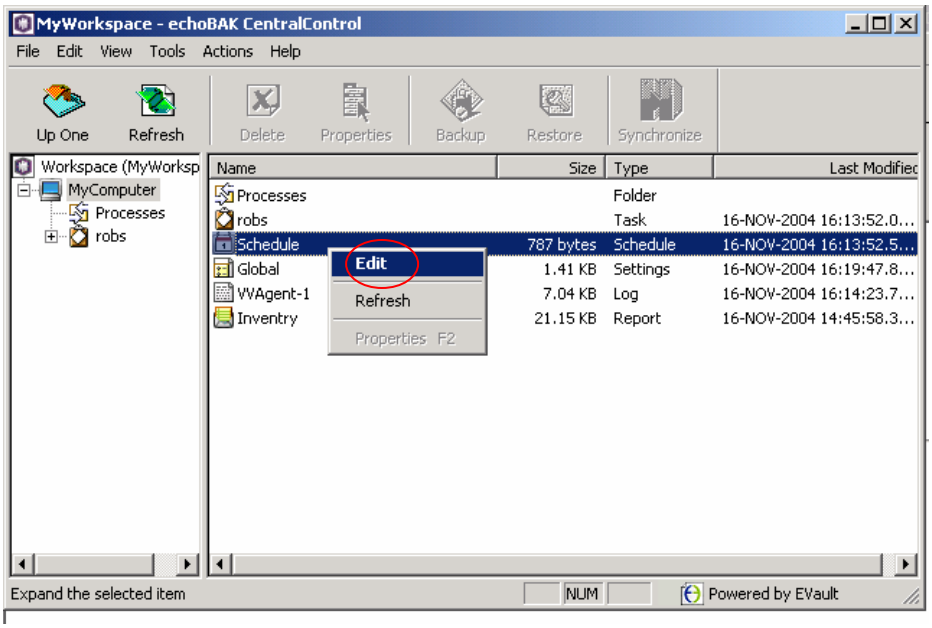
    b. Schedule the task – Prompts you for a backup schedule for the new backup task

    c. Just exit from this wizard – saves this task to be run at a later time.

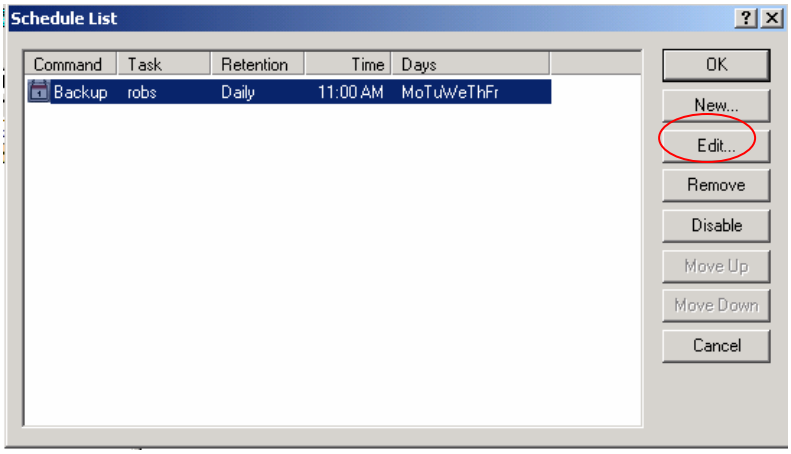
Altering the Schedule for a Backup Task

1. Launch echoBAK Central Control

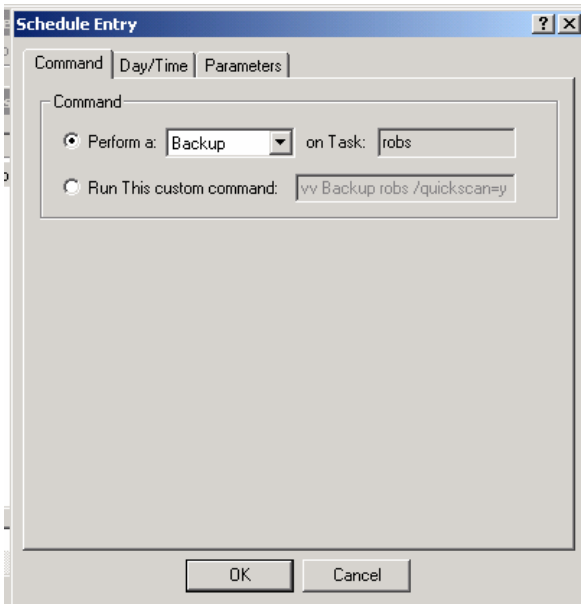
2. On the Left-Hand side, select the Agent you wish to alter



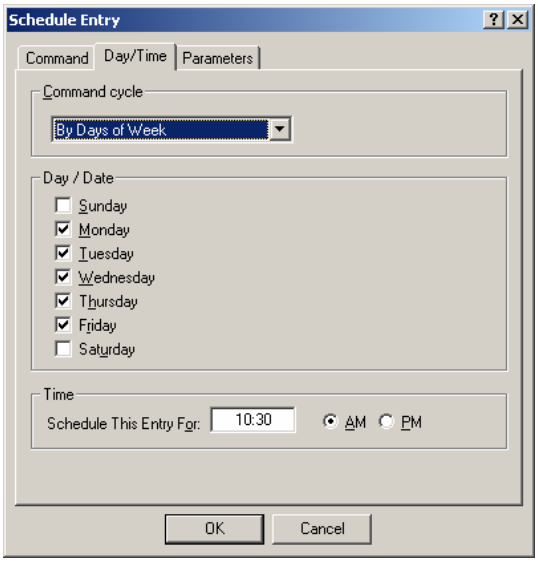
3. On the Right-Hand side, Right-Click **Schedule** and choose **Edit**



4. The Schedule List window is displayed, and you are able to see any previously scheduled backup tasks. From here you can create New schedules for backup tasks, or you can alter the existing schedules.
5. To edit your backup schedule or click **Edit.**



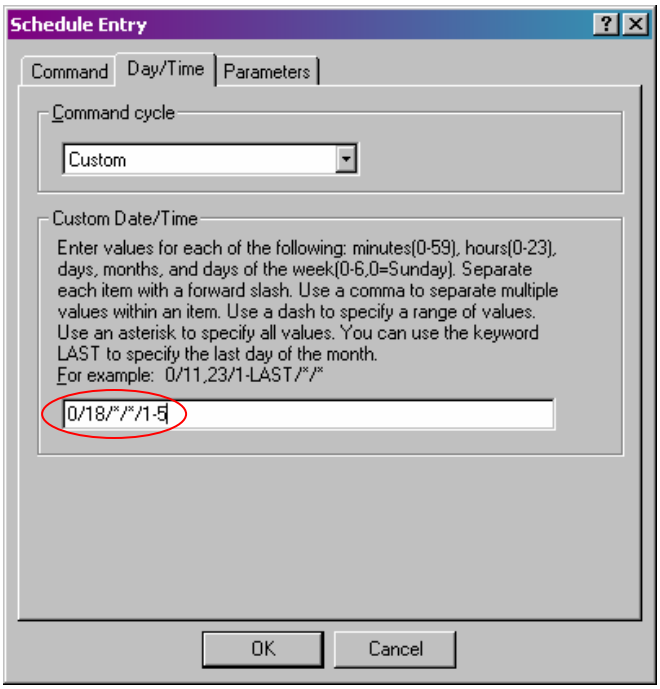
6. This displays the "Schedule Entry" window. From here Click on the Day/Time tab; it should resemble the image below



7. You are then able to choose the Command Cycle

    a. By Days of Week – The task will execute on the same day(s) of the week

    b. By Days of Month – The task will execute on the same day(s) of the month


Schedule Entry
Command
Day/Time
Parameters
Command cycle
Custom
Custom Date/Time
Enter values for each of the following: minutes(0-59), hours(0-23), days, months, and days of the week(0-6,0=Sunday). Separate each item with a forward slash. Use a comma to separate multiple values within an item. Use a dash to specify a range of values. Use an asterisk to specify all values. You can use the keyword LAST to specify the last day of the month.
For example: 0/11,23/1-LAST/*/*
0/18/*/*/1-5
OK
Cancel

c. Custom – You may specify your own custom schedule by entering time and date information. A custom schedule entry requires a specific syntax that must be adhered to in order to function properly. Use the following format to enter your custom schedule data: min/hour/day/month/dow (days of the week).

Values: Minutes (0-59), Hours (0-23), days (1-31), months (1-12), dow(0-6, 0=Sunday)

Keywords: "*" means everytime, "Last" means last day of the month.

Example:
0/18/*/*/1-5

This example tells StorageCARE OLB to start at 6pm on Monday through Friday.

8. Click on OK on the Schedule Entry window to exit and save your changes to the schedule

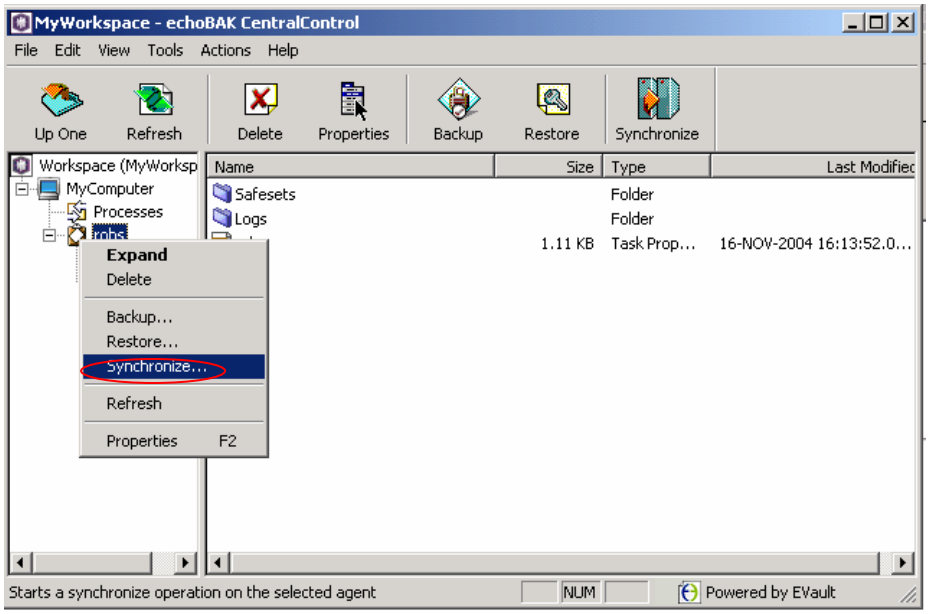
9. Click on OK on the Schedule List window to return back to CentralControl.

Synchronizing the Agent with the EchoBAK Vault

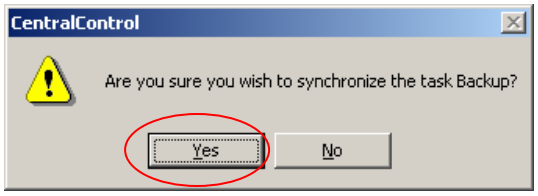
The synchronization process is used to connect the current task window to the Vault, updates local catalogs with server information and then disconnects. Catalog data is used to graphically display the files in your task on CentralControl. It is necessary to perform a synchronization if you have recently re-installed the Agent software, and are looking to restore files from the Vault.

1. Launch echoBAK CentralControl

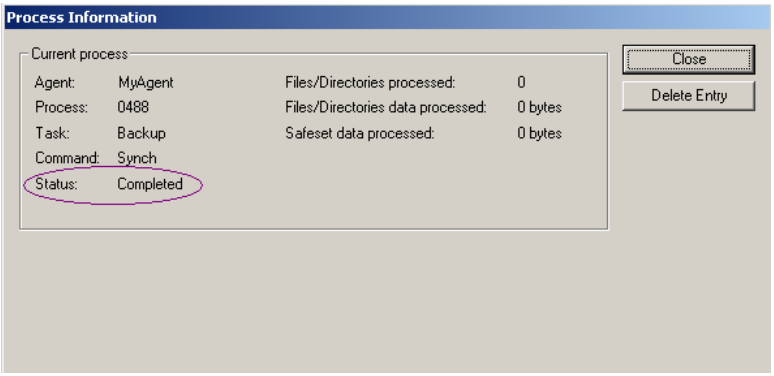
2. On the left-hand side select the Agent you wish to re-synch



3. Under the Agent, you will see the Tasks configured for that agent. Right-click the Task and choose **Synchronize**.



4. A box is displayed asking, "Are you sure you wish to synchronize the task <TaskName>." Click **Yes** if you are sure



5. On the "Process Information" window, it is possible to see the **status** of the synchronization job.

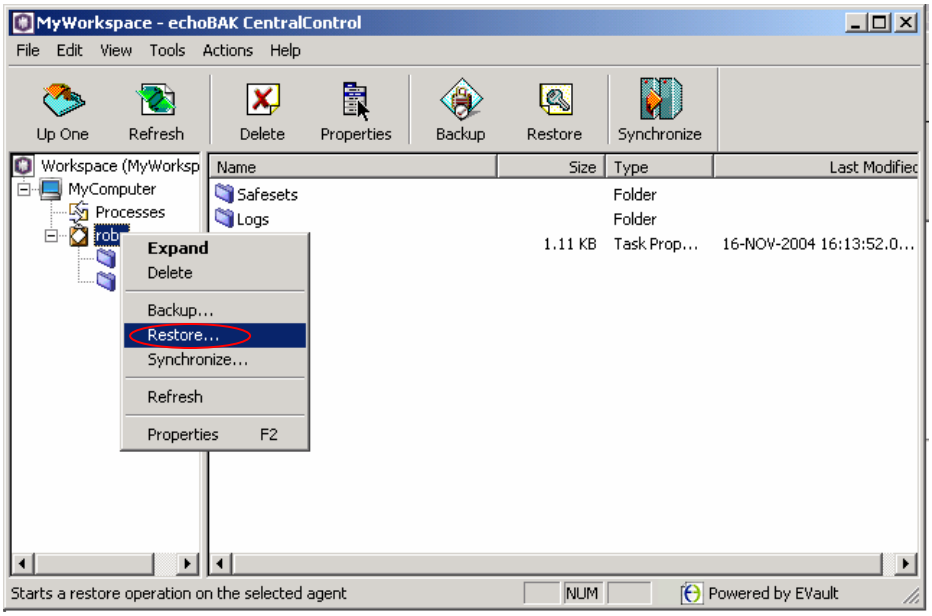
6. Once the status displays "Completed," Click on the **Close** button.

7. This will return you to the CentralControl main window

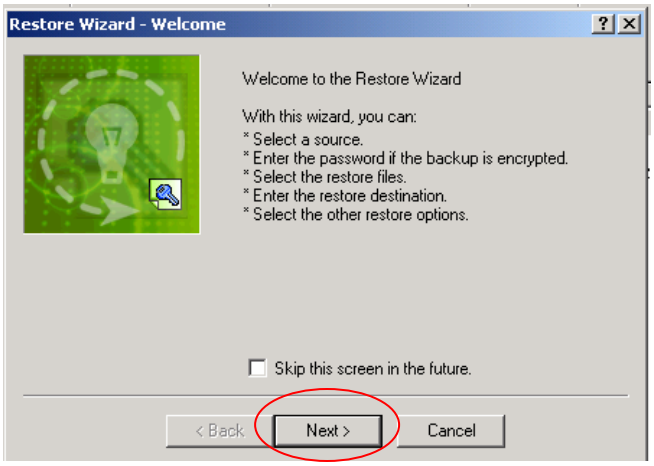
Restoring files that have been protected using EchoBAK

1) Launch echoBAK Central Control

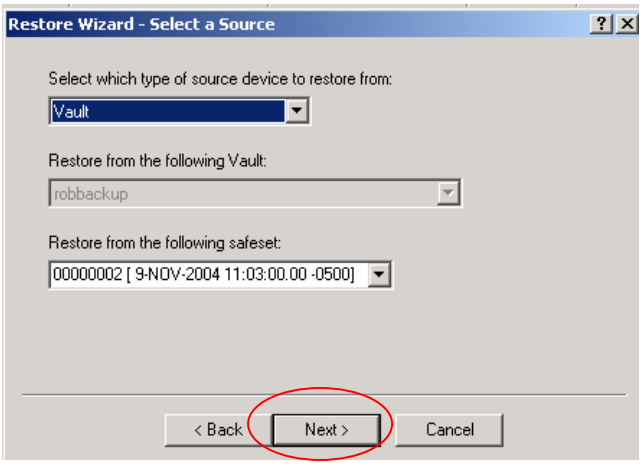
2) On the left-hand side select the Agent you wish to restore from.



3) Under the Agent, you will see the Tasks configured for that agent. Right-click the Task and choose **Restore.** This launches the Restore Wizard.

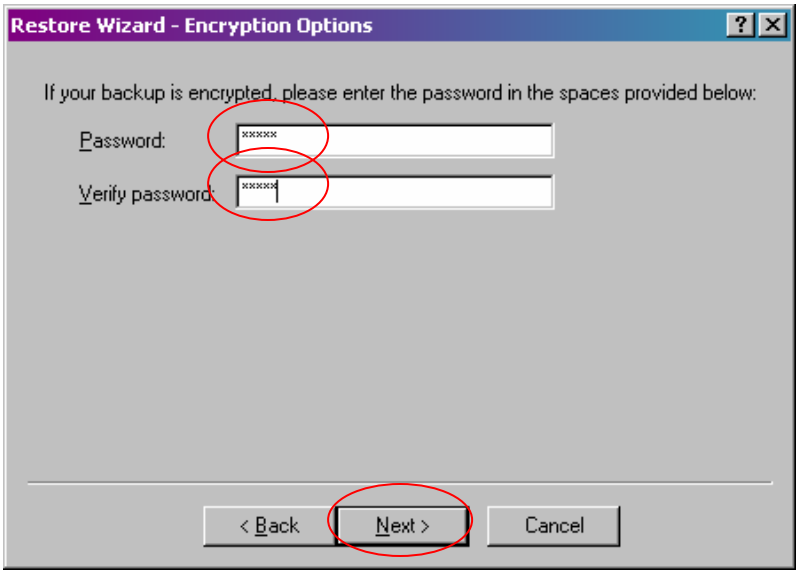

Restore Wizard - Welcome
Welcome to the Restore Wizard
With this wizard, you can:
* Select a source.
* Enter the password if the backup is encrypted.
* Select the restore files.
* Enter the restore destination.
* Select the other restore options.
Skip this screen in the future.
< Back
Next >
Cancel

4) On the "Restore Wizard – Welcome" window, left-click on the **Next** button


Restore Wizard - Select a Source
Select which type of source device to restore from:
Vault
Restore from the following Vault:
robbackup
Restore from the following safeset:
00000002 [9-NOV-2004 11:03:00.00 -0500]
< Back
Next >
Cancel

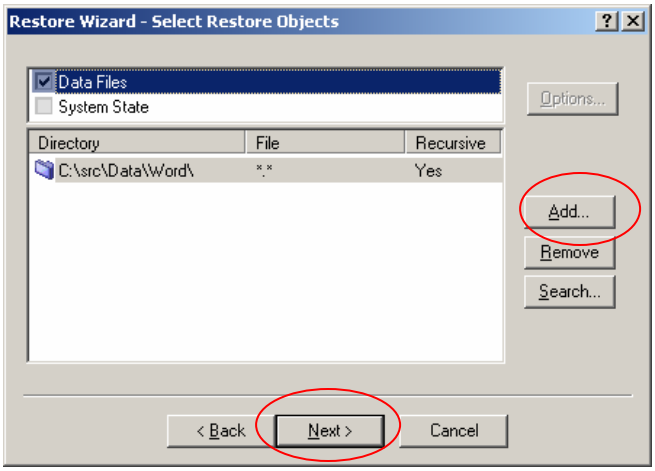
5) On the "Restore Wizard – Select a Source" window, set the following, then click on the **Next.**

a) **Select which type of source device to restore from** – allows you to choose Vault, Tape Device, or Directory on Disk. Typically this will be set for **Vault**
b) **Restore from the following Vault:** - will be automatically set for the current vault (and grayed out)
c) **Restore from the following Safeset** – displays the time/date stamps of the previously run backup jobs (according to their retention times).

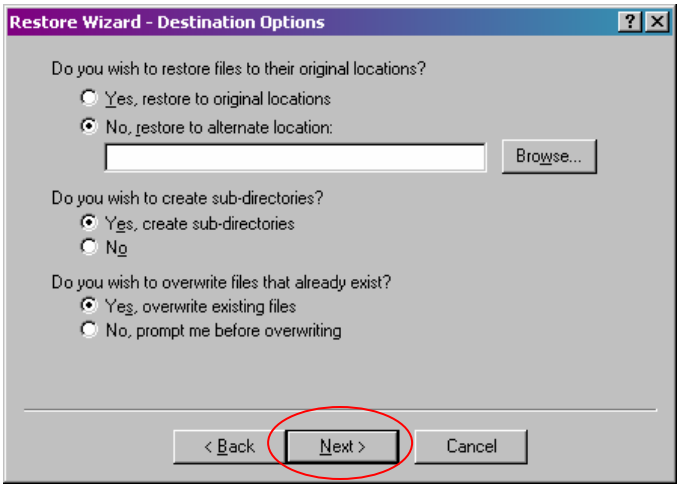


6) On the "Restore Wizard – Encryption Options" window, enter the **Password** used to encrypt the information sent to the Vault (this is set during the configuration of the Task). Click on the **Next** button

a) **NOTE:** For security reasons, asiGUARDIAN is unable to retrieve this password. Once a task is configured for encryption, the echoBAK Customer is the only person who knows this password.

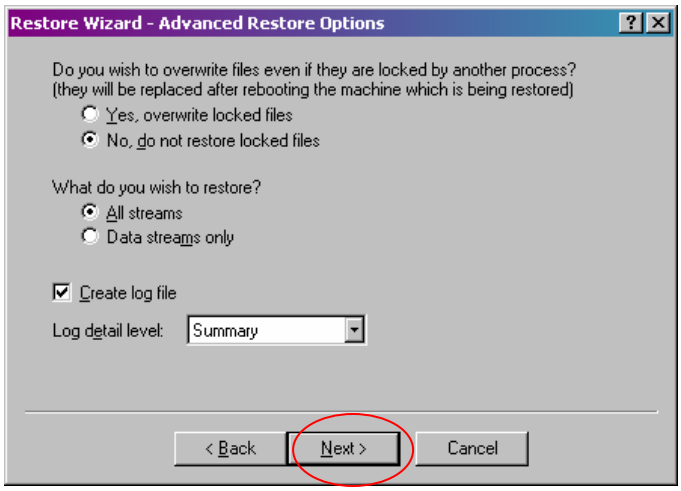


7) On the "Restore Wizard – Select Restore Objects" you are able to choose which files to restore. Left click **Add**, and then choose directories or files to include. Once the selections have been made, click on the **Next** button.


Restore Wizard - Destination Options
Do you wish to restore files to their original locations?
Yes, restore to original locations
No, restore to alternate location:
Browse...
Do you wish to create sub-directories?
Yes, create sub-directories
No
Do you wish to overwrite files that already exist?
Yes, overwrite existing files
No, prompt me before overwriting
< Back
Next >
Cancel

8) On the "Restore Wizard – Destination Options" window, you are given 3 choices for the restore routine:

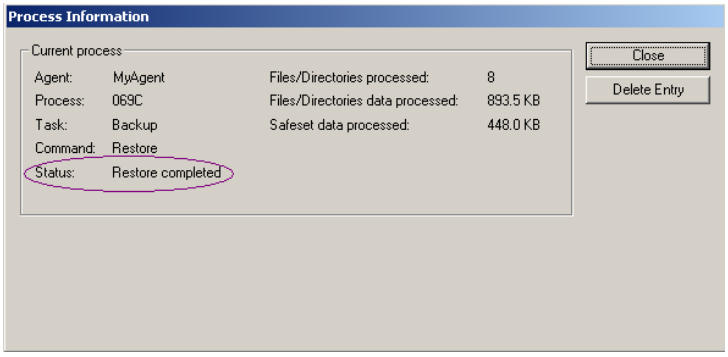
a) Restoring files to their original/alternate locations
b) Recreate sub-directories or not
c) Restore by overwriting or not
d) Once you have decided on these choices, left-click the **Next** button


Restore Wizard - Advanced Restore Options
Do you wish to overwrite files even if they are locked by another process?
(they will be replaced after rebooting the machine which is being restored)
Yes, overwrite locked files
No, do not restore locked files
What do you wish to restore?
All streams
Data streams only
Create log file
Log detail level:
Summary
< Back
Next >
Cancel

e) The "Advanced Restore Options" (below figure) will give you options to overwrite locked files, restore all streams, and create log files. Left-click the **Next** button.

9) On the "Restore Wizard – Finish" window, left-click the **Finish** button

10) The Restore Task will begin, and the status can be monitored on the "Process Information" window.



11) Once the status is displayed as "Restore Completed," left-click on the **Close** button.

12) This will return you to the CentralControl main window.

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